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DEPARTMENT OF THE NAVY

FY 1992/FY 1993 BUDGET ESTIMATES

REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION



DTIC 1-1-1991

DISSEMINATION STATEMENT A
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DEPARTMENT OF THE NAVY
OPERATION AND MAINTENANCE
REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION

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Special	

REAL PROPERTY MAINTENANCE ACTIVITY

DOD COMPONENT: NAVY
APPROPRIATION: O&M,N

FY 1991
OPERATIONS & MAINTENANCE COSTS (\$000)

FUNCTIONAL CATEGORY AT WORK FUNCTIONS	Workload			Civilian			Military		
	Data	Personnel	Contracts	Other	Total	Labor	BMAR		
ACTIVE INSTALLATIONS									
1. Maintenance and Repair									
a. Utilities	XXX				163283	371043	235614	769940	24159 1880000
b. Other Real Property	XXX								
(1) Buildings (KSF)	346423							102773	667167
(2) Other Facilities	XXX								
(3) Pavements (KSY)	213629								
(4) Land (AC)	864182								
(5) Railroad Track (KLF)	4171								
2. Minor Construction					3248	41232	13734	58214	13514
3. Operation of Utilities					18653	152703	277679	449035	3555
a. Electricity-Purchased	3196570							227719	
b. Electricity-In House	194436							12138	
c. Heat-Purchased Steam/Util (MBTU)	5984781							94153	
d. Heat-In Gen. Steam/Util (MBTU)	6453086							35884	
e. Water Plants & Systems (KGAL)	20814955							33470	
f. Sewage Plants & Systems (KGAL)	15038669							28664	
g. Air Condition & Refriger (TMS)	170813							5643	
h. Other	XXX							11364	
4. Other Engineering Support					174223	103407	97762	375392	14166
a. Services	XXX							256339	
b. Admin and Overhead	XXX							88521	
c. Rentals, Leases & Easements	XXX							30532	
TOTAL ACTIVE INSTALLATIONS					359407	668385	624789	1652581	55394 1880000
INACTIVE INSTALLATIONS					359407	668385	624789	1652581	55394 1880000
GRAND TOTAL									

Exhibit OP-27

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REAL PROPERTY MAINTENANCE ACTIVITY

DOD COMPONENT: NAVY
 APPROPRIATION: O&M,N

FY 1990
 OPERATIONS & MAINTENANCE COSTS (\$000)

FUNCTIONAL CATEGORY
 AT WORK FUNCTIONS

Workload
 Data

Civilian
 Personnel Contracts

Other

Total

Military
 Labor

BMAR

ACTIVE INSTALLATIONS

1. Maintenance and Repair

- a. Utilities
 XXX
- b. Other Real Property
 XXX
- (1) Buildings (KSF)
 332539
- (2) Other Facilities
 XXX
- (3) Pavements (KSY)
 227438
- (4) Land (AC)
 880156
- (5) Railroad Track (KLF)
 4171

192407

543551

249271

985229

26435

1657000

140241
 844988

2. Minor Construction

3246

56870

16338

76454

13099

3. Operation of Utilities

- a. Electricity-Purchased
 3257771
- b. Electricity-In House
 226302
- c. Heat-Purchased Steam/Hot Water (MBTU)
 6189608
- d. Heat-In Gen. Steam/Hot Water (MBTU)
 6370348
- e. Water Plants & Systems (KGAL)
 20504881
- f. Sewage Plants & Systems (KGAL)
 15268455
- g. Air Condition & Refrigeration (TNS)
 241199
- h. Other
 XXX

20304

165342

275861

461507

3385

239581
 15925
 93302
 32985
 30895
 28010
 6248
 14561

4. Other Engineering Support

- a. Services
 XXX
- b. Admin and Overhead
 XXX
- c. Rentals, Leases & Easements
 XXX

181286

122120

103313

406719

13993

286037
 91200
 29482

TOTAL ACTIVE INSTALLATIONS
 INACTIVE INSTALLATIONS
 GRAND TOTAL

215957

765763

541470

1523190

42919

1657000

215957

765763

541470

1523190

42919

1657000

Exhibit OP-27

000002

REAL PROPERTY MAINTENANCE ACTIVITY

DOD COMPONENT: NAVY
APPROPRIATION: O&M,N

FY 1992

OPERATIONS & MAINTENANCE COSTS (\$000)

FUNCTIONAL CATEGORY AT WORK FUNCTIONS	Workload		Civilian		Military	
	Date	Personnel	Contracts	Other	Total	BMAR
ACTIVE INSTALLATIONS						
1. Maintenance and Repair		169672	343739	220117	733528	25236 2285000
a. Utilities	XXX				104368	
b. Other Real Property	XXX				629160	
(1) Buildings (KSF)	351229					
(2) Other Facilities	XXX					
(3) Pavements (KSY)	219045					
(4) Land (AC)	855116					
(5) Railroad Track (KLF)	4171					
2. Minor Construction		3633	35783	13697	53113	11630
3. Operation of Utilities		18636	165314	288525	472475	3572
a. Electricity-Purchased	3169333				239984	
b. Electricity-In House	203981				14551	
c. Heat-Purchased Steam/Hot Water (MBTU)	5967034				97977	
d. Heat-In Gen. Steam/Hot Water (MBTU)	6330540				40162	
e. Water Plants & Systems (MGAL)	20480562				33626	
f. Sewage Plants & Systems (MGAL)	14991521				28793	
g. Air Condition & Refrigeration (TNS)	167928				5902	
h. Other	XXX				11480	
4. Other Engineering Support		176600	98602	88033	363235	14571
a. Services	XXX				246009	
b. Admin and Overhead	XXX				81989	
c. Rentals, Leases & Easements	XXX				35237	
TOTAL ACTIVE INSTALLATIONS		368541	643438	610372	1622351	55009 2285000
INACTIVE INSTALLATIONS						
GRAND TOTAL		368541	643438	610372	1622351	55009 2285000

Exhibit 00 27

0000003

REAL PROPERTY MAINTENANCE ACTIVITY

DOD COMPONENT: NAVY
APPROPRIATION: O&M,N

FY 1993

OPERATIONS & MAINTENANCE COSTS (\$000)

FUNCTIONAL CATEGORY AT WORK FUNCTIONS	Workload				Military	
	Civilian	Other	Total	Labor	BMAR	
ACTIVE INSTALLATIONS						
1. Maintenance and Repair	156078	222953	165021	544052	25867	2594000
a. Utilities	XXX			80567		
b. Other Real Property	XXX			463485		
(1) Buildings (KSF)	354461					
(2) Other Facilities	XXX					
(3) Pavements (KSY)	217522					
(4) Land (AC)	852296					
(5) Railroad Track (KLF)	4171					
2. Minor Construction	0	0	0	0	103	
3. Operation of Utilities	19201	167497	281585	468283	3470	
a. Electricity-Purchased	3082518			238190		
b. Electricity-In House	204179			13391		
c. Heat-Purchased Steam/Hot Water (MBTU)	5903381			96481		
d. Heat-In Gen. Steam/Hot Water (MBTU)	6119371			40237		
e. Water Plants & Systems (MGAL)	20278590			34646		
f. Sewage Plants & Systems (MGAL)	14854906			28949		
g. Air Condition & Refrigeration (TNS)	168554			6139		
h. Other	XXX			10250		
4. Other Engineering Support	170483	87708	80360	346551	14615	
a. Services	XXX			233396		
b. Admin and Overhead	XXX			79344		
c. Rentals, Leases & Easements	XXX			33811		
TOTAL ACTIVE INSTALLATIONS	353762	478158	526966	1358886	44055	2594000
INACTIVE INSTALLATIONS						
GRAND TOTAL	353762	478158	526966	1358886	44055	2594000

Exhibit OP-27

0000004

BACKLOG OF MAINTENANCE AND REPAIR (BMAR) OF REAL PROPERTY
(\$ in Thousands)

DOD Component: Navy
Appropriation: O&M,N

	FY 1990	FY 1991	FY 1992	FY 1993
A. BACKLOG - BEGINNING OF YEAR	1245040	1555744	1871008	2262150
(BACKLOG CARRIED FORWARD FROM PRIOR YEARS)				
(MINUS BACKLOG MORE THAN FOUR YEARS OLD)	1264000	1657000	1888000	2285000
(ADJUSTED BACKLOG CARRIED FORWARD)*	-63200	-82850	-94400	-114250
(INFLATION ADJUSTMENT)		-88000		
(FOREIGN CURRENCY REVALUATION)	44240	69594	77408	91400
B. REQUIREMENTS	1397189	1102196	1147520	1225902
(RECURRING MAINTENANCE & REPAIR)	950089	749493	780314	833613
(MAJOR REPAIR PROJECTS)	409180	302993	310566	323739
(BACKLOG DETEIORATION)	37920	49710	56640	68550
C. TOTAL REQUIREMENT (A+B)	2642229	2657940	3018528	3488052
D. PROGRAM ADJUSTMENTS:	985229	769940	733528	894052
(DIRECT PROGRAM FUNDING)				
(FUNDS MIGRATED FROM OTHER AREAS)	826837	769940	733528	544052
(NET OTHER ADJUSTMENTS)	158392			350000
E. BACKLOG - END OF YEAR (C-D)	1657000	1888000	2285000	2594000
F. PERCENT BACKLOG CHANGE (E-A*100)	33.1	21.4	22.1	14.7

NOTE: (1)

EXHIBIT OP-27

*FY 1991: Minus backlog associated with NAVSUP transfer to the Navy Stock Fund.
NOTE: (1) FY93: \$350MIL represents OMN transferred to MILCON

000005

DoD Component: Navy
Appropriation: O&M, N

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1992/1993 PRESIDENT'S BUDGET SUBMISSION
OPERATIONS & MAINTENANCE COSTS
REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(HISTORIC BUILDINGS COSTS)

		FY 1990	FY 1991	FY 1992	FY 1993*
HISTORIC BUILDINGS (Excluding Family Housing)					
A. No. of Facilities	693				
B. Minor Construction		806	715	547	0
C. Major Repair (projects costing over \$25,000.00)		11,094	9,842	8,283	0
D. Recurring Maintenance (projects costing \$25,000 or under)		2,950	2,617	8,453	8,629
Grand Total:		14,850	13,174	17,283	8,629

*Minor Construction and Major Repair Funds Transferred to MILCOM in FY 1993

DOD COMPONENT: NAVY
APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
OPERATION AND MAINTENANCE COSTS
REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
AK	NAVAL AIR STATION ADAK AL	REPLACE WATERLINE	0	1870	0	0
		JUSTIFICATION:				
		PROJECT WILL REPLACE DETERIORATED WATER PIPELINES AND TANKS FROM MURSE'S CREEK TO MT MOFFETT AND C TANKS. MOST OF THE PIPES AND TANKS ARE OVER 30 YEARS OLD AND ARE CORRODED AND LEAKING BEYOND THE POINT OF REPAIR. EXISTING WATERLINE FROM MURSE'S CREEK TO MT MOFFETT IS THE ONLY WATER SOURCE FOR THE MT MOFFETT TRANSMITTER FACILITY.				
	NAVAL AIR STATION ADAK AL	RPR NEX/COMMISSARY	0	1731	0	0
		JUSTIFICATION:				
		PROJECT WILL CORRECT DEFICIENCIES REVEALED BY INVESTIGATION AFTER THE 1986 EARTHQUAKE. INVESTIGATION FOUND SPALLING OF WELDED CONNECTIONS BETWEEN PRECAST CONCRETE ROOF PANELS TO BEAMS, INADEQUATE CONNECTIONS AT WALL PANELS TO ROOF DIAPHRAGM AND FOUNDATION, SEVERELY CRACKED SLAB AT FREEZER, RUST, AND LOOSE BOLTS AT FASCIA PANELS.				
	NAVAL AIR STATION ADAK AL	RPR POWER/STEAM DISTR	0	0	2600	0
		JUSTIFICATION:				
		EXISTING ELECTRICAL DISTRIBUTION FEEDERS ARE DETERIORATED, RESULTING IN NUMEROUS OUTAGES. STEAM DISTRIBUTION SYSTEM FROM POWER PLANT 4, WHICH PROVIDES HEAT FOR FACILITIES, IS INOPERATIVE. OTHER SECTIONS OF THE SYSTEM ARE DETERIORATED. TEMPORARY BOILERS ARE BEING USED TO PROVIDE HEAT.				

EXHIBIT OP-27P

000007

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
AK	NAVAL AIR STATION ADAK AL	RPL APPROACH LIGHTING	0	0	717	0

JUSTIFICATION:

A FUNCTIONAL APPROACH LIGHTING SYSTEM WHICH FLAGS OUT HAZARDOUS TERRAIN AT NIGHT IS SEVERLY DETERIORATED DUE TO AGE AND ADAK'S HARSH ENVIRONMENT. REPAIR BY REPLACEMENT IS THE REQUIRED. CONTINUED DETERIORATION WILL FURTHER REDUCE RELIABILITY.

CA MSY MARE ISLAND VALLEJO CA

RPR ELECT DIST SYS 1/11

2036

0

JUSTIFICATION:

SYSTEM PROVIDES POWER TO THE NAVELECSYSENGCHD, NAVAPNSTA CONCORD AND THE NIS. SYSTEM DATING FROM 1923 IS COMPLETELY DETERIORATED. POLY-CHLORINATED BIPHENYL (PCB) CONTAMINATED TRANSFORMERS AND SWITCHES REPRESENT A HAZARD TO PERSONNEL. IF NOT REPAIRED, SYSTEM WILL CONTINUE TO BE PRONE TO POWER OUTAGES THAT AVERAGE 3 MAJOR AND 20 MINOR A YEAR.

MSY MARE ISLAND VALLEJO CA

RPR ELECT DIST SYS 1/11

0

1252

0

JUSTIFICATION:

SYSTEM PROVIDES POWER TO THE NAVELECSYSENGCHD, NAVAPNSTA CONCORD AND THE NIS. SYSTEM DATING FROM 1923 IS COMPLETELY DETERIORATED. POLY-CHLORINATED BIPHENYL (PCB) CONTAMINATED TRANSFORMERS AND SWITCHES REPRESENT A HAZARD TO PERSONNEL. IF NOT REPAIRED, SYSTEM WILL CONTINUE TO BE PRONE TO POWER OUTAGES THAT AVERAGE 3 MAJOR AND 20 MINOR A YEAR.

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
CA	MSY MARE ISLAND VALLEJO CA	RPR SALT WATER DIST SYS	0	0	1892	0

JUSTIFICATION:

SYSTEM, CONSTRUCTED IN 1940, PROVIDES FIRE PROTECTION TO STRUCTURES WITHIN THE COMPLEX INCLUDING THE AMMUNITION STORAGE FACILITIES. REPAIRS WILL BE MADE TO 26K FEET OF PIPING THAT HAS DETEIORATED TO THE POINT THAT IT CANNOT PROVIDE THE PRESSURE WITHOUT CONSTANT RUPTURES TO THE SYSTEM.

NAVSTA SAN DIEGO CA

RPR FENDER SYS PIER 12	0	1041	0	0
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JUSTIFICATION:

PORTIONS OF THE PIER FENDERING SYSTEM ARE DETERIORATED AND DAMAGED BY SHIP DOCKING OPERATIONS. FENDER PILES, WHALERS AND CHOCK BLOCKS NEED TO BE REPLACED, AND DEBRIS BENEATH PIER NEEDS TO BE REMOVED. PROJECT WILL PROVIDE A MODERN, HIGHER QUALITY FOAM-FILLED FENDERING SYSTEM WHICH IS MORE DURABLE.

NAVSTA SAN DIEGO CA

RPR QUAYWALL/FENDERS	0	1747	0	0
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JUSTIFICATION:

PORTIONS OF THE CONCRETE QUAYWALL ARE CRACKED AND SPALLING. THE TIMBER FENDERING SYSTEM HAS DETERIORATED AND INCURRED DAMAGE BY SHIP DOCKING. THIS PROJECT WILL REPAIR THE CONCRETE SPALLS AND CRACKS, AND REPLACE DAMAGED TIMBER FENDERING WITH A PRESTRESSED CONCRETE PILE FENDERING SYSTEM.

EXHIBIT OP-27D

000009

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
CA	NAVSTA SAN DIEGO CA	RPRS TO QUAYWALL PH II	0	0	2233	0

JUSTIFICATION:

PROJECT WILL REPAIR THE CRACKS AND SPALLS IN THE CONCRETE QUAYWALLS, REPLACE TIMBER PILES W/PRESTRESSED CONCRETE PILES. TIMBER SYSTEM IS OLD AND PARTLY DAMAGED BY DOCKING. IF CONDITION IS NOT CORRECTED, MISSION AND OPERATIONS REQUIREMENTS WILL BE IMPAIRED. DEFERRING THIS PROJECT WILL RESULT IN FURTHER DAMAGE TO THE QUAYWALL & DAMAGE SHIPS.

NAVSTA SAN DIEGO CA

RPR STEAM PIPING OPS BLDG

730 0

JUSTIFICATION:

ASBESTOS INSULATED PIPING ON 1ST AND 2ND FLOORS HAVE DETERIORATED CREATING A SERIOUS HEALTH HAZARD. PROJECT WILL REPLACE DETERIORATED HEATING SYSTEM INSTALLED IN 1942 AND REMOVE ALL ASBESTOS INSULATION. DEFERRING PROJECT WILL RESULT IN INCREASED DETERIORATION, AND HEALTH HAZARDS.

NAVSTA SAN DIEGO CA

REP&FIRE PROTECT BDG 71

598 0

JUSTIFICATION:

REPAIRS AND FIRE PROTECTION IMPROVEMENTS ARE NECESSARY TO CORRECT TER-MITE DAMAGE TO ROOF TRUSS AND OTHER STRUCTURAL MEMBERS AND TO MEET CURRENT FIRE PROTECTION CODES. CORRECTIONS ALSO REQUIRED TO MEET SEISMIC REQUIREMENTS. DEFERRAL OF THIS PROJECT COULD RESULT IN SERIOUS DAMAGE OR LOSS OF LIFE IN THE EVENT OF AN EARTHQUAKE/FIRE.

EXHIBIT OP-27P

00010

DOD COMPONENT: NAVY
APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
OPERATION AND MAINTENANCE COSTS
REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST	(\$ IN 000)
CA	MAS NORTH IS SAN DIEGO CA	APR AIRFIELD ROAD	0	503	0	0	0
		MULTIPLICATION					

JUSTIFICATION:

THE EXISTING AIRFIELD PERIMETER ROAD WAS DEVELOPED SIGNIFICANT CRACKS AND SURFACE DETEIORATION. PROJECT WILL FILL CRACKS, COVER PAVEMENT WITH REINFORCING FABRIC, OVERLAY WITH ASPHALT AND RESURFIDE AREAS.

NTC SAN DIEGO CA

RPR GALLERY 5, BLDG 87

1250

JUSTIFICATION:

INTENSE USAGE HAS ACCELERATED DETERIORATION OF THE GALLEY'S INTERIOR AND MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS. WITH THE CLOSING OF GALLEY #B IN 1986, MESSENGER FOR THE FULL RTC RECRUIT POPULATION WAS ADDED TO GALLEY #5. PROJECT WILL RPR OR REPLACE DAMAGED BLDG AND SYS COMPONENTS SO THAT NAVYTRASTA CAN CONTINUE WITH RELIABLE FOOD SERVICE.

NAVHOSP OAKLAND CA

RPR ELEVATOR CONTROLLERS

932

JUSTIFICATION:

REPAIR BY REPLACEMENT TO ELEVATOR CONTROLS WITH RELAY AND D.C. MOTOR GENERATORS. EXISTING CONTROLS ARE OBSOLETE, REQUIRING CUSTOM MADE PART REPLACEMENTS. ELEVATORS FREQUENTLY FAIL ADVERSELY AFFECTING MISSION, AND SAFETY.

EXHIBIT 00-270

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
CA	WAS MIRAMAR CA	REPAIRS TO RUNWAY 24L	0	0	2646	0

JUSTIFICATION:

PROJECT WILL REPAIR BOTH THE SPALLING AND CRACKED CONCRETE AND AIR-CRAFT PAVING AS WELL AS REGROUT EXPANSION JOINTS. WITHOUT THE ACCOMPLISHMENT OF THIS PROJECT, SAFETY AND THE STATION'S MISSION WOULD BE SEVERLY COMPROMISED.

NAVPHIBASE CORONADO SDIEGO CA

RPR BEGS 320-323

0	2853	0	0
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JUSTIFICATION:

QUALITY OF LIFE PROJECT TO RPL DETERIORATED TOILET FIXTURES, FINISHES, INTERIOR DOORS AND REPAIR WINDOWS; REPLACE FLOOR FINISHES AND REPAINT INTERIOR; UPDATE ELECTRICAL SYSTEM; REPLACE BROKEN VENTILATION EQUIPMENT, DAMAGED HEATER COVERS; REPLACE ROOF MEMBRANE AND FLASHING; REPLACE ROOF HATCHES; AND REPAINT EXTERIOR.

NAVPGSCOL MONTEREY CA

REPAIR/REPLACE WATER VALVES

0	0	700	0
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JUSTIFICATION:

THIS PROJECT WILL REPLACE ALL DETERIORATED AND INOPERABLE OR DAMAGED VALVES ON THE WATER DISTRIBUTION SYSTEM. OVER 70% OF THE WATER DISTRIBUTION SYSTEM IS A LEAST 40 YEARS OLD AND MANY OF THE VAVLES/FLANGES HAVE DETERIORATED TO THE POINT WHERE THEY MUST BE REPLACED.

EXHIBIT OP-27P

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
CA	CBC PORT MUENEME CA	REPAIR QUAY WALL, WHARF 6	0	1900	0	0

JUSTIFICATION:

PROJECT WILL REPAIR METAL BULKHEAD WHICH HAS CORRODED TO THE POINT WHERE INSUFFICIENT METAL REMAINS TO ALLOW WELDING OF PATCHES OVER THE HOLES.

CBC PORT MUENEME CA

REP WATER LINES, PHASES 11-13

1225

0

JUSTIFICATION:

PROJECT WILL REPAIR THE BASE-WIDE WATER LINES WHICH WERE CONSTRUCTED IN 1942. ORIGINAL CONSTRUCTION OF UNLINED CAST-IRON PIPES HAS BECOME CORRODED AND REQUIRE NUMEROUS REPAIRS.

CBC PORT MUENEME CA

RPR DRAINAGE CANALS PHASES 1-4

2500

0

JUSTIFICATION:

PROJECT WILL REPAIR FLOOD CONTROL DRAINAGE CANALS, CONSTRUCTED IN 1943, WHICH ARE PART OF A NETWORK OF INTERCONNECTED STORM DRAIN PIPES, BOX CULVERTS, DITCHES, AND OPEN CANALS. EROSION IS UNDERMINING EARTH BANKS, AND THE TOP OF EDGES OF BANKS HAVE BROKEN DOWN AND NO LONGER CONTROL THE RUNOFF.

EXHIBIT OP-27P

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
CA	CBC PORT NUEWEME CA	REPAIR GALLERY, BLDG 61	0	0	1755	0

JUSTIFICATION:

PROJECT WILL REPAIR DETERIORATED PLUMBING, HVAC, ELECTRICAL, WASTE, AND DISHWASHER DRAIN SYSTEMS WHICH VIOLATE CONSTRUCTION, SAFETY AND HEALTH CODE REQUIREMENTS.

CBC PORT NUEWEME CA

REP/ALTER POL FACILITY #5025

JUSTIFICATION:

PROJECT WILL REPAIR 80,000 BL TANK AND RELATED PLUMBING, CONSTRUCTED IN 1943, TO MEET CURRENT CODES AND ALLOW THE BASE TO MEET FUELING REQUIREMENTS.

NAS LENOORE CA

RPR POTABLE WATER SYSTEM

JUSTIFICATION:

PROJECT WILL REPLACE DETERIORATED DISTRIBUTION AND FIRE PUMPS THAT ARE OVER 30 YEARS OLD AND BEYOND THEIR ECONOMIC LIFE. PROJECT REQUIRED TO PROVIDE A RELIABLE DISTRIBUTION SYSTEM OF POTABLE AND FIRE PROTECTION WATER FOR DOMESTIC AND FIRE FIGHTING PURPOSES.

EXHIBIT OP-279

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
CA	NAVHOSP LONG BEACH CA	RPR HOSP FAM COILS PH II	0	0	750	0

JUSTIFICATION:

REPAIR BY REPLACEMENT TO EXISTING DETERIORATED FAM-COIL UNITS. FAM-COIL UNITS HAVE BEEN IN SERVICE FOR OVER 20 YEARS. FREQUENT REPAIRS ARE VERY TIME CONSUMING BECAUSE OF LIMITED ACCESS AND INOPERATIVE SHUT OFF VALVES. UNRELIABILITY ADVERSELY AFFECTS MISSION, MORALE.

NAVSTA LONG BEACH CA

RPR FENDER SYS PIER 15

1000

0

0

JUSTIFICATION:

PROJECT WILL REPLACE THE EXISTING WOOD FENDERING SYSTEM WITH A FOUR-PILE STEEL CLUSTER SYSTEM AND BEARING PANELS. THIS PIER WAS ORIGINALLY DESIGNED AND UTILIZED FOR SMALLER CRAFT VESSELS IN LIEU OF THE LARGER CLASS SHIPS CURRENTLY BERTHED AT PIER 15. PRESENT SYSTEM DOES NOT SUCCESSFULLY DISSIPATE LATERAL LOADS AND IS DETERIORATED.

NAVSTA LONG BEACH CA

RPR MECH UTIL. PIER 15

0

2000

0

JUSTIFICATION:

THE STEAM/CONDENSATE FRESH WATER AND SALT WATER AND COMPRESSED AIR UTILITIES WHICH SERVICE PIER 15 ARE DETERIORATED. ALL MECH UTILITIES EXCEPT SHIP WASTEWATER COLLECTION SYSTEM ARE IN POOR PHYSICAL CONDITION AND HAVE A LIMITED USEFUL LIFE. ADEQUATE UTILITIES SUPPORT FOR THE SHIPS IS MISSION ESSENTIAL.

EXHIBIT OP-27P

000015

DOD COMPONENT: NAVY
APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
OPERATION AND MAINTENANCE COSTS
REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
CT	SUBASE NEW LONDON CT	RPR/RPL STEAM CONDENSATE SYSTEM	0	630	0	0

JUSTIFICATION:

THIS PROJECT WILL REPLACE THREE SECTIONS OF DETERIORATED STEAM AND CONDENSATE LINES. EXISTING LINES HAVE DETERIORATED DUE TO AGE AND UNDERGROUND LOCATION IN WHICH FLOODS FROM RAIN AND GROUNDWATER INFILTRATION.

NAVHOSP GROTON CT

RPR AIR CONDITIONING	0	520	0	0
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JUSTIFICATION:

REPAIR BY REPLACEMENT NEEDED TO CURRENT DETERIORATED AND INEFFICIENT AIR CONDITIONING AND COOLING TOWER SYSTEMS. HUMIDITY AND TEMPERATURE CONTROL NEEDED TO MAIN OPERATING ROOMS, RECOVERY, LABOR AND DELIVERY, ETC. AIR CONDITIONING IS MANDATORY FOR INFECTION CONTROL. ADVERSELY AFFECTS MISSION, SAFETY, MORALE.

DC COMNAVJIST WASHINGTON DC

REPLACE BOILERS 182	0	2100	0	0
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JUSTIFICATION:

THIS PROJECT REPLACES TWO OVERSIZED, 50 YEAR OLD EDGEWORTH BOILERS WITH UNITS SIZED FOR CURRENT DEMANDS. REPAIRS ARE REQUIRED DUE TO AGE AND UNRELIABLE OPERATIONS DUE TO GENERAL DETERIORATION AND DIFFICULTY IN MAINTAINING OVERAGE UNITS.

EXHIBIT DP-27P

000015

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
FL	MAS PENSACOLA FL	RPR HVAC SYS BEO BLDG 3472	0	687	0	0
		JUSTIFICATION:				
		THE OLD HEATING/VENTILATING/AIR CONDITIONING SYSTEM IN THIS BEO CANNOT PROVIDE ADEQUATE COOLING, AND CANNOT ADEQUATELY REMOVE THE HEAVY MOISTURE CONTENT FROM THE AIR. PROJECT WILL REPLACE THE OLD SYSTEM WITH A NEW ONE ENGINEERED TO ACCOMMODATE THE HEAT AND HUMIDITY LOADS, AND WILL REPAIR INTERIOR DAMAGE CAUSED BY THE EXCESSIVE MOISTURE.				
	MAS PENSACOLA FL	RPR MANGAR, BLDG 73	0	0	986	0
		JUSTIFICATION:				
		ORIGINALLY CONSTRUCTED AS A SEAPLANE MANGAR IN THE EARLY 1900S, BLDG IS USED TODAY FOR AVIATION STORAGE AND IS TARGETED TO SUPPORT A NEWLY HOMEPORTED FLEET CARRIER. MAJOR REPAIRS ARE REQUIRED DUE TO AGE AND CORROSIVE WATERFRONT ENVIRONMENT. PROJECT WILL RPR CORRODED STRUCTURAL STEEL FRAMING, ETC. RPRS WILL BE PER STANDARDS FOR HISTORIC BDOGS.				
	MAS JACKSONVILLE FL	RPR ELEC PRIM ELEC CIRCUITS P3	0	0	785	0
		JUSTIFICATION:				
		PROJECT WILL PROVIDE MORE RELIABLE ELECTRICAL SERVICE TO ALL USERS IN THE SERVICE AREA. AS A RESULT OF 45 YRS OF AGING, SYSTEM RELIABILITY HAS BEEN DEGRADED TO THE POINT OF CONTINUOUS OUTAGE HAZARD. PROJECT WILL MODERNIZE EXISTING ELECTRICAL SYSTEM AND ENHANCE SYSTEM RELIABILITY.				

EXHIBIT OP-27P

000017

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

(\$ IN 000)
 FY 1992
 COST

 FY 1993
 COST

FY 1991
 COST

PROJECT TITLE

STATE LOCATION/INSTALLATION

FL NAVSTA MAYPORT FL

RPR/UPGRADE 5KV ELECT SYS

1047

0

0

JUSTIFICATION:

THE EXISTING OVERHEAD DISTRIBUTION SYSTEM IS OLD, IN POOR CONDITION, UNRELIABLE, AND WITHOUT ADEQUATE TIES. MAINT COSTS ARE EXCESSIVE DUE TO UNNECESSARY POWER OUTAGES. PROJECT WILL REPLACE OVERHEAD SYSTEM W/ A 26.4 KV UNDERGROUND SYS CONSISTING OF APPROX. 6K CIRCUIT FEET OF SINGLE CONDUCTOR, 1/0 COPPER, 28KV CABLE, ETC.

NAVHOSP ORLANDO FL

RPR ROOF

0

950

0

JUSTIFICATION:

CRITICAL REPAIRS TO EXISTING ROOF CONTAINING FAILED ROOF MEMBRANES, NUMEROUS BLISTERS/CRACKS, LEAKING DRAIN PANS, AND WATER SATURATED INSULATION. STANDING BUCKETS OF WATER AND SIGNS ARE HEALTH AND TRIPPING HAZARDS. ADVERSELY AFFECTS MISSION, SAFETY, MORALE.

NTC ORLANDO

RPR RTC GALLEY #1, BLDG 216

2107

0

0

JUSTIFICATION:

AGE AND INTENSIVE USAGE HAVE CAUSED DAMAGE AND DETERIORATION TO THE GALLEY'S INTERIOR AND EXTERIOR, AND TO MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS. THIS IS ONE OF TWO GALLEYS SERVING THE RTC RECRUIT POPULATION. PROJECT WILL RPR OR REPLACE DAMAGED BLDG AND SYSTEM COMPONENTS SO THAT RTC CAN CONTINUE TO PROVIDE RELIABLE FOOD SERVICE.

EXHIBIT OP-27P

000018

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
FL	NTC ORLANDO	RPR RTC GALLEY #2, BLDG 218	0	1613	0	0

FL NTC ORLANDO

RPR RTC GALLEY #2, BLDG 218

JUSTIFICATION:

AGE AND INTENSE USAGE HAVE CAUSED DAMAGE AND DETERIORATION TO THE GALLEY'S INTERIOR AND EXTERIOR, AND TO MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS. THIS IS ONE OF TWO GALLEYS SERVING THE RTC RECRUIT POPULATION. PROJECT WILL RPR OR REPLACE DAMAGED BLDG AND SYS COMPONENTS SO THAT RTC CAN CONTINUE TO PROVIDE RELIABLE FOOD SERVICE.

HI SUBASE PEARL HARBOR HI

REPAIR PIER S4/S5

518

0

JUSTIFICATION:

PROJECT WILL REPAIR DAMAGED/DETERIORATED CONCRETE PILES, PILE CAPS, BEAMS AND DECK SLAB THROUGHOUT THE UNDERSIDE OF THE PIER DUE TO AGE AND EXPOSURE TO MARINE ENVIRONMENT. IF CONDITION IS NOT CORRECTED, THE PIER WILL DETERIORATE FURTHER AND FACE STRUCTURAL DEGRADATION, RESTRICTIONS IN OPERATIONS, AND POSSIBLE SHUTDOWN.

SUBASE PEARL HARBOR HI

REPAIR WHARF K-1

0

1669

0

JUSTIFICATION:

K-1 IS CURRENTLY DETERIORATED BEYOND PARTIAL REPAIR. PROJECT WILL RECONSTRUCT THE WHARF WHICH IS REQUIRED IN PROVIDING BERTHING AND SHORESIDE SPY FACILITIES FOR SUBMARINES IN PORT, ALONG W/SUBMARINE MAINTENANCE AND TRAINING FACILITIES. PROJECT IS INTEGRAL TO NEW IMA FACILITY/SSN SUBS.

EXHIBIT OP-27p

000019

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
HI	SUBASE PEARL HARBOR HI	REPAIR WHARF S-21	0	0	968	0

JUSTIFICATION:

CONCRETE PILES, CAPS AND DECK OF WHARF S-21 ARE SPALLED AND CRACKED THROUGHOUT THE UNDERSIDE OF THE WHARF DUE TO AGE AND EXPOSURE TO THE MARINE ENVIRONMENT. IF CONDITION IS NOT CORRECTED, WHARF WILL DETERIORATE FURTHER, FACE STRUCTURAL DEGRADATION, RESTRICTIONS IN OPERATIONS, AND POSSIBLE SHUTDOWN.

NAVSTA PEARL HARBOR HI

RPR PIER S17/18

0	690	0	0
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JUSTIFICATION:

PROJECT WILL REPLACE DAMAGED FENDER PILES, INCLUDING WALES AND CHOCKS, AND REPAIR STRUCTURAL DAMAGE. IF PROJECT IS DEFERRED, THE YARD CRAFTS AND THE PIER COULD BE DAMAGED DURING BERTHING AND DOCKING/UNDocking OPERATIONS AND THE STRUCTURAL DAMAGE WILL DETERIORATE FURTHER, MAKING REPAIRS MORE COSTLY. PROJECT SUPPORTS NAVSTA PEARL'S MISSION.

NAVSTA PEARL HARBOR HI

RPR WHARF F1/F1-1/2

0	1250	0	0
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JUSTIFICATION:

WHARF F1 AND F1-1/2 REQUIRE IMMEDIATE REPAIRS TO SPALLED AND CRACKED SLABS, BENTS AND PILES. DAMAGE IS RESULT OF AGE AND EXPOSURE TO THE MARINE ENVIRONMENT. AN AREA OF WHARF F1 HAS BEEN CONDEMNED DUE TO SEVERE DETERIORATION ON THE DECK SLAB. PROJECT WILL REPAIR STRUCTURAL DAMAGE. WITHOUT REPAIRS, STRUCTURAL INTEGRITY WILL BE JEOPARDIZED.

EXHIBIT OP-27P

000020

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
(\$ IN 000)						
NI	NAVSTA PEARL HARBOR HI	REFOD BEO 55	0	0	578	0
		JUSTIFICATION:				
		PROJECT WILL REPAIR THE EXISTING CONCRETE ROOF SLAB AND REPLACE THE EXISTING ROOF SYSTEM OF THE 3-STORY AREAS AND THE 2-STORY WEST WING TO STOP THE LEAKS. THE EXTENT OF DETERIORATION AND AGE OF THE ROOFING SYSTEM WARRANT COMPLETE REROOFING.				
IL	NAVAL HOSPITAL GREAT LAKES IL	CORRECT MECHANICAL DEFICIENCIES	0	783	0	0
		JUSTIFICATION:				
		PROJECT TO REPAIR 80-YEAR-OLD DYSFUNCTIONAL HEATING SYSTEM. REPLACE- MENT WITH ENERGY EFFICIENT HVAC UNIT. ALSO, REPLACEMENT OF ANTIQUATED LIGHTING FIXTURES WITH ENERGY EFFICIENT FLUORESCENTS. ADVERSELY AFFECTING MISSION AND SAFETY. MINOR CONSTRUCTION COST = 165K.				
		NAVAL HOSPITAL GREAT LAKES IL				
		RPR ELEC/STRUCTURAL SYS	0	0	676	0
		JUSTIFICATION:				
		PROJECT TO REPAIR MANY ELECTRICAL AND STRUCTURAL DEFICIENCIES. ELEC- TRICAL WIRING/PANELS TO BE MODIFIED/UPGRADED TO CURRENT STANDARDS. RE- PAIR BY REPLACEMENT TO THE PERMEATED/DETERIORATING ROOF. ASBESTOS INSULATION TO BE REMOVED AND REPLACED. FLOORS, STAIRWELLS, DOORS/ FRAMES TO BE REPAIRED/REPLACED. SMOKE DETECTORS WILL BE INSTALLED.				

EXHIBIT OP-277

DDO COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
IL	NAVAL HOSPITAL GREAT LAKES IL	RPR MECHANICAL SYSTEM	0	0	1162	0
		JUSTIFICATION:				
		REPAIR TO 25+ YEAR OLD HVAC SYSTEM, COOLING TOWER, CONTROLS AND THER- MOSTAT BY REPLACEMENT. REPLACEMENT OF ELEVATOR CONTROLS FOR TWO ELEVATORS. WINDOW REPAIR, USING ENERGY EFFICIENT REPLACEMENTS. ROOF AND DOORS REPAIRED BY REPLACEMENT. ADVERSELY AFFECTS MISSION, SAFETY, AND MORALE.				
	NAVAL HOSPITAL GREAT LAKES IL	RPR INT/EXT (BEO)	0	0	837	0
		JUSTIFICATION:				
		REPAIRS TO THIS BEO INCLUDE: REPLACEMENT OF ENTIRE ROOF, REPAIR HEAT- ING SYSTEM, INSTALLATION OF A SUSPENDED CEILING WITH DROP-IN FLUORESC- CENT LIGHTING, SMOKE DETECTORS TO BE INSTALLED TO MEET LIFE SAFETY CODES, WINDOWS TO BE REPLACED WITH HIGH ENERGY EFFICIENT DOUBLE-PANED WINDOWS. ADVERSELY AFFECTS SAFETY, MORALE. MINOR CONST COST = 184K.				
	NAVAL HOSPITAL GREAT LAKES IL	RPR BEO	0	0	674	0
		JUSTIFICATION:				
		REPAIRS INCLUDE: REPAIR WINDOW FRAMING AND GLAZING TO REDUCE ENERGY LOSS, MAJOR REPAIRS TO INEFFICIENT HEATING SYSTEM, REPLACE DOORS TO RESTORE SMOKE BARRIER CONDITION, INSTALL SMOKE DETECTION SYSTEM, REPAIR VENTILATION IN HEADS AND SHOWERS. ADVERSELY AFFECTS LIFE SAFETY AND MORALE. MINOR CONSTRUCTION COST = 138K.				

EXHIBIT OP-27P

000022

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
IL	NAVAL HOSPITAL GREAT LAKES IL	RPR MECHANICAL SYSTEM II	0	0	699	0
		JUSTIFICATION:				
		REPAIR BY REPLACEMENT TO DYSFUNCTIONAL 80-YEAR-OLD HEATING SYSTEM. PROPOSES TO BE REPLACED WITH AN ENERGY EFFICIENT HVAC SYSTEM. AIR CONDITIONING BEING ACCOMPLISHED INCIDENTAL TO REPLACING THE HEATING SYSTEM. REPLACE ANTIQUATED LIGHTING FIXTURES WITH ENERGY SAVING FIXTURES.				
MD	USNA ANNAPOLIS MD	REPAIR TERRACE/ROOF	0	1074	0	0
		JUSTIFICATION:				
		THIS PROJECT REPAIRS THE TERRACE DECKING. CONSTANT USE, CLIMATIC CHANGES AND INADEQUATE MATERIAL AND INSTALLATION HAVE RESULTED IN DETERIORATION OF THE QUARRY TILE, FLASHING, SETTING BED AND WATERPROOF MEMBRANE OF THE TERRACE DECKING. THE RESULTING LEAKAGE HAS CAUSED EXTENSIVE DAMAGE TO INTERIOR WALLS/CEILINGS AT MANY LOCATIONS.				
	NAVJEDCOM NATCAPREG BETHESDA	RPL STEAM LATERALS	0	504	0	0
		JUSTIFICATION:				
		REPAIR BY REPLACEMENT THE STEAM LATERALS AND CONDENSATE RETURN LINES. EXISTING STEAM LATERALS ARE SEVERELY DETERIORATED, INEFFICIENT INSULATION RESULTING IN SUBSTANTIAL HEAT LOSS. ADVERSELY AFFECTS MISSION, SAFETY, MORALE.				

EXHIBIT OP-277

090623

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
MD	NAVJEDCOM NATCAPREG BETHESDA	RPR DOMESTIC WATER PIPING	0	0	1030	0
		JUSTIFICATION:				
		REPAIR BY REPLACEMENT TO EXISTING GALVANIZED STEEL PIPES WHICH HAVE NUMEROUS LEAKS. LEAKS ARE CAUSED BY CORROSION RESULTING FROM GALVANIC ACTION. LEAKING ONTO ELECTRICAL SYSTEMS CAN POSE SERIOUS SAFETY HAZARDS.				
	NAVAIRTESTCEN PATUXENT RIVR MD	RPR GALLEY B-467	0	610	0	0
		JUSTIFICATION:				
		ROOF REQUIRES REPLACEMENT. ELECTRICAL WIRING DOES NOT MEET NATIONAL ELECTRIC CODE. THE COOKING HOOD EXHAUST SYSTEM DOES NOT HAVE ANY MAKE UP AIR PROVIDED FOR THE KITCHEN. THE DINING AREA HVAC IS PAST ITS ECONOMICAL LIFE AND THERE ARE CURRENTLY NO REST ROOMS INSTALLED FOR THE DINERS.				
MS	C8C GULFPORT MS	REP SANITARY SEWER SYS PH II	0	700	0	0
		JUSTIFICATION:				
		PROJECT WILL REPAIR A PORTION OF A 48-YEAR-OLD SYSTEM WHICH HAS PREVIOUSLY HAD NO MAJOR REPAIRS. PROJECT WILL REPAIR BROKEN PIPES, SEALS, BRICKWORK AND MANHOLES.				

EXHIBIT OP-27P

000024

.000 COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
MS	CBC GULFPORT MS	REP FLOOR/DOORS WAREHOUSE 320	0	0	1725	0

JUSTIFICATION:

THIS PROJECT WILL REPAIR THE FLOORS AND DOORS AT THE BASE'S PRIMARY SHIPPING AND RECEIVING WAREHOUSE. CRACKS IN THE FLOORS HAVE DEVELOPED WHICH IF LEFT UNATTENDED COULD JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE FLOORING SYSTEM.

NJ NAVARENGEN LAKEHURST NJ

DEMO BLDG 157

0

0

0

JUSTIFICATION:

THE BUILDING IS STRUCTURALLY UNSOUND AND CONTAINS ASBESTOS WHICH MUST BE DISPOSED OF AS HAZARDOUS WASTE.

NAVARENGEN LAKEHURST NJ

DEMOLITION OF BLDG 168

0

600

0

JUSTIFICATION:

THE BUILDING IS STRUCTURALLY UNSOUND AND CONTAINS ASBESTOS WHICH MUST BE DISPOSED OF AS HAZARDOUS WASTE.

EXHIBIT (P-27P)

000025

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
NV	NAS FALLON NV	REPAIR RUNWAY 7-25	0	2400	0	0

JUSTIFICATION:

PROJECT WILL SEAL SEVERE PAVEMENT CRACKS AND OVERLAY THE ASPHALT PORTION OF RUNWAY 7-25 IN ORDER TO RESTORE THE RUNWAY SURFACE AND RETURN THE RUNWAY TO A SAFE JET LANDING SURFACE. RUNWAY 7-25 IS REQUIRED AS A SECONDARY RUNWAY IN OPERATIONAL CONDITION FOR EMERGENCIES AND STRONG CROSS-WIND CONDITIONS.

PA NSY PHILADELPHIA PA

REPAIR LIFT BRIDGE

1652

0

JUSTIFICATION:

BRIDGE BUILT IN 1943, SPANS 240 FT. ACROSS MOUTH OF RESERVE BASIN, BRIDGE SERVES AS THE MAJOR ACCESS FOR VEHICULAR, RAIL/PEDESTRIAN TRAFFIC TO THE CONTROLLED INDUSTRIAL AREA. REPAIRS REQUIRED INCLUDE SCRAPING/PAINTING OF STRUCTURAL STEEL, REPAIR OF THE MAIN COUNTER WEIGHT ROPES, ETC.

SC NAVSTA CHARLESTON SC

MAINTENANCE DREDGING

1000

0

JUSTIFICATION:

PROJECT WILL DREDGE SILT FROM THE PIERS, QUAYWALLS AND PROVIDE MAINTENANCE OF DIKES. DUE TO THE TIDAL NATURE OF THE COOPER RIVER, SILTING RESULTS THAT CAN PRECLUDE THE SAFE PASSAGE OF NAVY VESSELS AND RESTRICT THE USE OF BERTHING PIERS AND QUAYWALLS.

EXHIBIT OP-27P

000026

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

		REAL PROPERTY MAINTENANCE ACTIVITIES FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET OPERATION AND MAINTENANCE COSTS REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS (COSTING MORE THAN \$500,000.00)			
STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	(\$ IN 000) FY 1992 COST FY 1993 COST
SC	NAVSTA CHARLESTON SC	RPR/ALT INTERSECTION	0	0	755 0
		JUSTIFICATION:			
		PROJECT WILL PROVIDE EXTENSIVE RPRS TO THE HOBSON/VIADUCT STREET INTERSECTION, AN ARTERY CRITICAL TO THE RAPID, EFFICIENT DELIVERY OF MAT'L AND OTHER SERVICES TO THE FLEET. UNEVEN PAVEMENT CAUSES AT LEAST ONE MAT'L HANDLING ACCIDENT WITH TALL STRADDLE TRUCKS PER WEEK. ENTIRE INTERSECTION WILL HAVE ASPHALT REMOVED, NEW FILL MATERIAL, ETC.			
		REPAIR WINDOWS	0	0	609 0
		JUSTIFICATION:			
		REPAIRS REQUIRED TO STOP DETERIORATION WHERE WINDOW WALL JOINTS ARE CRACKED AND ALLOW WATER PENETRATION. ALSO, WATER PENETRATION AND MILDEW EVIDENT WITHIN MOTOR, BRICKS, AND PRECAST CONCRETE PANELS. ADVERSELY AFFECTS SAFETY, MORALE.			
TN	NAS MEMPHIS TN	RPR SANITARY SEWER SYSTEM	0	1629	0 0
		JUSTIFICATION:			
		A LARGE PORTION OF THE BASE SEWER SYS WAS CONSTRUCTED IN THE EARLY 1940S. IT SUFFERS FROM LEAKING OR COLLAPSED PIPES WHICH LEACH UNTREATED SEWAGE INTO THE SOIL AND ALLOWS WATER AND SOIL TO INFILTRATE THE TREATMENT PLANT. PROJECT WILL REPLACE MAJOR SECTIONS OF THE SYSTEM AND RESEAL LEAKING JOINTS. TREATMENT COSTS WILL BE LOWERED.			

DDO COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
TN	NAS MEMPHIS TN	RPR BOILER #5	0	0	660	0

JUSTIFICATION:

BOILER #5 IS THE LARGEST OF THE BOILERS PROVIDING STEAM FOR HEATING AND FOOD SERVICES. A RECENT INSPECTION DETERMINED THAT IT CANNOT CONTINUE TO FUNCTION IN ITS PRESENT CONDITION, AND REQUIRES MAJOR REPAIRS OR REPLACEMENT. BOILER WILL BE REPLACED.

VA NAS NORFOLK VA

RPR PAVEMENT SOUTH 1/W 10-28

625 0

JUSTIFICATION:

SOUTH TAXIWAY 10-28 IS A PERMANENT, PORTLAND CEMENT CONCRETE AND ASPHALT CONCRETE T/W CONSTRUCTED IN 1964 WITH LAST OVERLAY IN 1987. IT SERVES RUNWAY 10-28, A CLASS B RUNWAY THAT HANDLES 98% OF STATION FIXED WING AIR TRAFFIC. PROJECT WILL OVERLAY APPROX. 80' WIDE AND 3650' LONG OF DETERIORATED SECTIONS OF THE TAXIWAY.

NAVY MED CLINIC QUANTICO VA

RPR MED CLINIC (HVAC) PHASE 11

600 0

JUSTIFICATION:

REPAIR BY REPLACEMENT FOR EXISTING DETERIORATED HVAC SYSTEM WHICH IS INEFFECTIVE, UNRELIABLE, AND INEFFICIENT. CURRENT SYSTEMS ARE EXPENSIVE TO OPERATE AND MAINTAIN. ENERGY CONSUMPTION IS EXCESSIVE. ADVERSELY AFFECTS MISSION, MORALE, SAFETY.

DOD COMPONENT: NAVY
APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
OPERATION AND MAINTENANCE COSTS
REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
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VA	FLECOMBATRACENLANT DAM NECK VA	RPR NAVGMSCOL, TRNG BLDG 572	0	1340	0	0
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JUSTIFICATION:

BLDG HOUSES GUIDED MISSILE SCHOOL ADMIN, CLASSROOM AND TRAINER MOCK-UP SPACES. AGE AND INTENSE USAGE HAVE RESULTED IN SIGNIFICANT WEAR-AND-TEAR, THE EXTERIOR CONCRETE IS SPALLING AND A LARGE PORTION OF THE ROOF MUST BE REPLACED. INTERIOR WALLS, CEILINGS, DOORS, FLOORS AND PLUMBING FIXTURES WILL BE REPAIRED OR REPLACED AS NEEDED.

NAVPHIBASE	LITTLE CREEK VA	RPR STEAM DISTRO SYSTEM (PH 1)	0	0	750	0
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JUSTIFICATION:

PROJECT WILL RPR BY REPLACEMENT EXISTING DETERIORATED STEAM SYSTEM WHICH WAS INSTALLED DURING THE EARLY MID 1940'S AND HAS FAR EXCEEDED ITS NORMAL USEFUL LIFE OF 25 YRS. EXISTING INSULATION AND/OR INSULATION JACKETING IS DAMAGED THROUGHOUT A MAJORITY OF THE SYSTEM AND NEEDS REPLACING.

LANTNAVFACENGCOM	NORFOLK VA	REPS/ALTS TO BLDG A LAFAYETTE*	0	590	0	0
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JUSTIFICATION:

PERSONNEL PERFORMING FACILITIES MANAGEMENT FUNCTIONS ARE CURRENTLY SCATTERED IN FOUR FACILITIES. THIS PROJECT WILL CO-LOCATE THE STAFF AND REPAIR FLOORS, WALLS, WINDOWS, CEILING, HVAC, PLUMBING AND ELECTRICAL SYSTEMS TO A BLDG WHICH HAS NOT UNDERGONE MAJOR REPAIR SINCE 1932. ASBESTOS REMOVAL IS ALSO INCLUDED. *ANNEX, PHASE II.

EXHIBIT OP-27P

000029

000 COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
NAVSTA ROOSEVELT ROADS RQ		RPR AIRCRAFT RUNWAY PH 1	0	0	4655	0

JUSTIFICATION:

DUE TO AGE AND USE BY HEAVY AIRCRAFT TRAFFIC COUPLED WITH HIGH WATER TABLE PROBLEM, THE CONCRETE PORTION HAS NUMEROUS CRACKS, SPALLS, DETERIORATED JOINTS AND FULL DEPTH CORNER BREAKS. DEBRIS AND WATER PONDS MAY RESULT IN LOSS OF LIFE AND AIRCRAFT. PROPOSED RPRS WILL ENSURE TIMELY MISSION ACCOMPLISHMENT AND AIRCRAFT SAFETY.

NAVCOMNSTA ROOSEVELT ROADS RQ

RPR ELEC DIST SYSTEM

0

656

0

JUSTIFICATION:

SWITCHGEAR IS OVER 30 YEARS OLD; ASSOCIATED CONTROL AND POWER WIRING IS RESULTING IN REDUCED DIELECTRIC RATINGS. REPLACEMENT PARTS ARE NO LONGER MANUFACTURED AND SPARES ARE UNAVAILABLE. RELIABILITY OF ELECTRICAL DISTRIBUTION SYSTEM IS SUSPECT AND HAS THE POTENTIAL FOR MISSION THREATENING FAILURE.

NAVSTA GUANTANAMO CUBA

RPRS TO UNHAF BRAVO PH1

0

4508

0

0

JUSTIFICATION:

THIS PROJECT WILL REPLACE EXISTING DETERIORATED SHEET PILING AND BULKHEAD, REMOVE SLAB AND TRENCH AND EXCAVATE EARTHFILL AND INSTALL CONCRETE UTILITY TRENCH AFTER BACKFILLING. REPAIRS REQUIRED DUE TO NORMAL AGE, USAGE AND ENVIRONMENTAL FORCES.

EXHIBIT OP-27P

000030

DDC COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
NAVSTA GUANTANAMO CUBA		REPAIR PIER LIMA	0	0	1678	0

JUSTIFICATION:

PROJECT WILL RPR PILES, REMOVE EXISTING JACKET AND CLEAN AND INSTALL CONCRETE FILLED JACKETS. RPRS ALSO INCLUDE REMOVING UNDERDECK SPALLED LAMINATED TIMBER, CONCRETE RPRS TO CRANE BEAM SPALLING AND SPALL AT NOZZLES. DECK CRACK RPRS AND SURFACE SPALL RPRS. THESE RPRS ARE REQUIRED DUE TO NORMAL DETERIORATION FROM AGE, UTILIZATION, ETC.

NSD GUAM GO

RPR K-RAY WHARF SEAWALL

1385

0

0

JUSTIFICATION:

DETERIORATION AND DAMAGES CAUSED BY AGE, NATURAL CORROSIVE EFFECTS OF SEA WATER, MARINE LIFE AND DOCKING VESSELS HAVE CONSIDERABLY AFFECTED THE STRUCTURAL INTEGRITY OF THE SEAWALL. THIS PROJECT WILL REPAIR THE SEAWALL AND INSURE CONTINUED UTILIZATION OF THE FACILITY WHICH IS ESSENTIAL TO THE PERFORMANCE OF THE ACTIVITY'S MISSION.

NAVJOSP GUANTANAMO BAY CUBA

ROOF RPRS

1632

0

0

JUSTIFICATION:

REPAIR BY REPLACEMENT BUILT-UP ROOFING SYSTEM. EXISTING ROOF IS DETERIORATED DUE TO INCLEMENT WEATHER CONDITION. SEVERE BLISTERING/CRACKING. PERMEATED ROOF AND INSULATION. ADVERSELY AFFECTING MISSION, SAFETY.

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
NAVY	NAVYOSP GUANTANAMO BAY CUBA	RPR/CONST ELECTRICAL SYS	0	0	1106	0

JUSTIFICATION:

CRITICAL REPAIRS NEEDED TO OBSOLETE ELECTRICAL SYSTEM. SYSTEM TO BE SIGNIFICANTLY MODIFIED OR COMPLETELY REPLACED TO BRING THIS 1956 MEDICAL FACILITY INTO COMPLIANCE WITH MOST RECENT CODES AND STANDARDS. EXISTING EMERGENCY GENERATOR IS IN NEED OF CRITICAL REPAIRS TO MEET CURRENT CODES AND STANDARDS. MINOR CONSTRUCTION COST = 184k.

NAVACTS LONDON UK

AC ENERGY IMPROVEMENTS BLDG. 300	0	480	0	0
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JUSTIFICATION:

PROJECT WILL REDUCE ENERGY CONSUMPTION, AND EXTEND LIFE OF CENTRAL A/C CHILLER EQUIPMENT THROUGH USE OF AMBIENT AIR FOR COOLING. REPAIRS WILL BE MADE TO INDEPENDENT GLYCOL AIR CONDITIONING SYSTEM WHICH IS ESSENTIAL TO THE OPERATION OF NAVCOMU LOCAL DIGITAL MESSAGE EXCHANGE (LDMX) COMPUTERS.

NAVSHIPREPFFAC GUAM

RPR FINGER PIER	0	1770	0	0
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JUSTIFICATION:

FINGER PIER HAS SUFFERED IMPACT DAMAGE AND DETERIORATION, LEAVING RE-INFORCING STEEL EXPOSED IN SEVERAL AREAS. PROJECT WILL EXCAVATE AND INSPECT TIE RODS, CLEAN AND REPAIR THE STEEL SHEETPILES, REPLACE WALES AND TIMBER FENDERS AND POUR NEW CONCRETE CAP. ADEQUATE & SAFE RPR IS ESSENTIAL FOR ACTIVITY TO ACCOMPLISH ITS MISSION.

DDO COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
CONFLEACT SASEBO JA		REP SEAWALLS PHASE 3	0	3192	0	0

JUSTIFICATION:

THE EXISTING SEAWALL IS IN NEED OF REPAIR DUE TO DETERIORATION CAUSED BY WAVE ACTION AS WELL AS TYPHOON DAMAGE. SEVERAL AREAS HAVE FAILED DUE TO THE TYPHOON, AND OTHER AREAS HAVE MAJOR CRACKS, SETTLEMENT PROBLEMS AND EROSION OF FILL BEHIND SEAWALL. WITHOUT PROJECT SHIP TRAFFIC INTO PRINCIPAL BASIN WILL BE IMPEDED OR STOPPED.

CONFLEACT SASEBO JA

RPR RD/DRAIN DITCH PH3

1464 0

JUSTIFICATION:

THE ROADS AND DRAINAGE SYSTEMS AT MAEBATA ORDNANCE AREA ARE DETERIORATED. DRAINAGE SYSTEM WAS BUILT IN EARLY 1900'S AND IS INADEQUATE. MAINTENANCE OF ROADS REQUIRED FOR SAFE PASSAGE OF VEHICLES WHICH TRANSPORT AMMUNITION. PROJECT NEEDED FOR MISSION, AND EXPLOSIVE SAFETY.

NAVSTA ROTA SP

REPLACE MAIN SEWER LINE

845 0

JUSTIFICATION:

PROJECT WILL REPLACE 3500 FEET OF 16 INCH CONCRETE SEWER MAIN AND VITRIFIED CLAY LATERAL LINES WITH PVC PIPE AND REBUILD MANHOLES. REPAIRS REQUIRED DUE TO DETERIORATION FROM AGE, GROUND MOVEMENT AND TREE ROOTS.

EXHIBIT OP-27P

000033

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
.....
NAS SIGONELLA IT		RESEAL/RPR JOINTS,PARKING APRON	0	0	658	0

JUSTIFICATION:

REPLACEMENT OF DETERIORATED JOINT SEALANT WILL ELIMINATE POTENTIAL FOREIGN OBJECT DAMAGE HAZARD FOR AIRCRAFT.

NAS SIGONELLA IT

REPAIR BEO, BDLG. 303

638

0

0

JUSTIFICATION:

PROJECT WILL REHABILITATE ENTIRE BUILDING. REPAIRS INCLUDE WATER DISTRIBUTION, HEATING AND COOLING, PIPING, BATHROOM FIXTURES, WALL TILES, WALLS, CEILINGS, AND EXTERNAL AND INTERNAL LIGHTING.

NAS KEFLAVIK IC

STABILIZE SHOULDERS

1065

0

0

JUSTIFICATION:

PROJECT WILL STABILIZE TAXIWAYS SIERRA 2-4 IN ORDER TO ELIMINATE EXISTING FOREIGN OBJECT DAMAGE HAZARD. PROJECT WILL APPLY A DUAL 12LF WIDE STRIP OF 2" THICK ASPHALT PAVEMENT ON THE SHOULDERS OF TAXIWAYS SIERRA 2-4 AND A 20 LF WIDE STRIP FOR THE CORNERS. DETERIORATION IS FROM AIRCRAFT TRAFFIC AND SEVERE WEATHER.

EXHIBIT OP-27P

000034

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

STATE	LOCATION/INSTALLATION	PROJECT TITLE	FY 1990 COST	FY 1991 COST	FY 1992 COST	FY 1993 COST
.....
NAS KEFLAVIK IC		STABILIZE SHOULDERS R/W 11-29	0	931	0	0

JUSTIFICATION:

PROJECT STABILIZES THE R/W SHOULDERS FOR 20 FEET ON EACH SIDE AND AN
 ADD'L 40LF WIDE STRIP OF HYDROSEED WILL BE APPLIED BEYOND THE ASPHALT
 CONCRETE FOR FURTHER STABILIZATION THUS DECREASING FOREIGN OBJECT
 DAMAGE (FOD), ACCIDENTS AND SERIOUS MISSION INTERRUPTIONS. TREMENDOUS
 AIRBLAST CREATED BY LARGE AIRCRAFT HAS CAUSED SEVERE DAMAGE TO SHOULDERS.

NAVHOSP OKINAWA JA

RPR INT ELECT DIST SYS	0	1516	0	0
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JUSTIFICATION:

REPAIR BY REPLACEMENT THE WIRES/CABLES AND LOAD CENTERS WHICH ARE
 DETERIORATED AND ARE NOT IN COMPLIANCE WITH ELECTRICAL SAFETY STANDARDS.
 ADVERSELY AFFECTS LIFE AND SAFETY.

DOD COMPONENT: NAVY
 APPROPRIATION: OPERATION AND MAINTENANCE

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1992/1993 PRESIDENTIAL/CONGRESSIONAL BUDGET
 OPERATION AND MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000.00)

	(\$ IN 000)		
	FY 1990	FY 1991	FY 1992
	COST	COST	COST
TOTAL MINOR CONSTRUCTION:			
TOTAL REPAIR AND MAINTENANCE:	\$ 58,214	\$ 53,113	\$ 47,515
TOTAL ACTIVE INSTALLATIONS:	\$ 121,028	\$ 100,628	\$ 100,628
INACTIVE INSTALLATIONS:	\$ 121,028	\$ 100,628	\$ 100,628
GRAND TOTAL:	\$ 121,028	\$ 100,628	\$ 100,628

Maintenance of Real Property Facilities
(Dollars in Thousands)

1. Funded Program

a. Category of Maintenance

Recurring Maintenance
Major Repair Projects
Minor Construction
Total Maintenance of Real Property Facilities

	FY 1990 Actual	FY 1991 Estimate	FY 1992 Estimate	FY 1993 Estimate
Recurring Maintenance	606,885	563,315	565,062	544,052
Major Repair Projects	378,344	206,625	168,466	350,000
Minor Construction	80,585	63,291	58,286	113,000
<u>Total Maintenance of Real Property Facilities</u>	<u>1,065,814</u>	<u>833,231</u>	<u>791,814</u>	<u>1,007,052 *</u>

b. Budget Activity

Strategic Forces
General Purpose Forces
Intelligence and Communications
Central Supply & Maintenance
Training, Medical, Other Gen. Pers Activities
Administration & Associated Activities
Total Maintenance of Real Property Facilities

Strategic Forces	54,849	35,194	33,062	48,209
General Purpose Forces	510,951	419,937	431,751	537,246
Intelligence and Communications	26,098	23,541	19,600	24,550
Central Supply & Maintenance	235,412	137,340	124,478	157,273
Training, Medical, Other Gen. Pers Activities	219,977	201,968	179,291	223,187
Administration & Associated Activities	18,527	15,251	10,632	16,587
<u>Total Maintenance of Real Property Facilities</u>	<u>1,065,814</u>	<u>833,231</u>	<u>791,814</u>	<u>1,007,052 **</u>

c. Staffing

Military Personnel
Civilian Personnel
Total Maintenance of Real Property Facilities

Military Personnel	1,184	1,121	953	950
Civilian Personnel	5,350	4,829	4,560	4,112
<u>Total Maintenance of Real Property Facilities</u>	<u>6,534</u>	<u>5,950</u>	<u>5,513</u>	<u>5,062</u>

2. Backlog of Maintenance and Repair

	1,657,000	1,888,000	2,285,000	2,594,000
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* FY 1993 includes \$463 million in MCON funds which were transferred from O&M,N (\$350.0 million for Major Repair Projects, \$72.0 million in Minor Construction) and RDT&E,N (\$41.0 million in Minor Construction).

** For comparative purposes, FY 1993 MCON funds breakdown by Budget Activity has been estimated and added to the O&M,N funds.

Exhibit PB-311 (page 1 of 2)

000037

Maintenance of Real Property Facilities

3. FACILITY CATEGORY		FUNDED PROGRAM (DOLLARS IN MILLIONS)			
IC		FY 1990 Actual	FY 1991 Estimate	FY 1992 Estimate	FY 1993 Estimate
04	OPERATIONAL	11	1	2	**
01/02	COMMUNICATIONS/AVIATION	31	10	16	
03	WATERFRONT AND HARBOR	54	27	22	
05	TRAINING	14	8	4	
06	AVIATION MAINTENANCE	26	9	8	
07	SHIPYARD MAINTENANCE	7	0	1	
08	OTHER MAINTENANCE	15	1	2	
09	RD&E	0	0	0	
10	POL/SUPPLY STORAGE	2	1	1	
11	AMMO SUPPLY/STORAGE	1	0	0	
12	OTHER SUPPLY/STORAGE	6	2	4	
13	HOSPITAL/MEDICAL	10	12	7	
14	ADMINISTRATION	14	8	5	
15	TROOP HOUSING/DINING	37	27	15	
16	OTHER PERS SUPT SERVICES	20	6	7	
17	UTILITY SYSTEMS	58	25	26	
18	REAL ESTATE/STRUCTURES	18	11	10	
	LAND IMPROVEMENTS*				
	RAIL TRACKAGE*				
TOTAL		324	148	130	

Note: The above numbers display projects costing \$100 thousand or more.

* For the subcategories Land Improvements and Rail Trackage, no project is anticipated to exceed \$100 thousand.

** In FY 1993, O&M,N funding for Major Repair Projects and Minor Construction has been transferred to the Military Construction appropriation.

DoD Component: U.S. Marine Corps
Appropriation: O&M/C

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1992/1993 PRESIDENT'S BUDGET

FY1990

OPERATION & MAINTENANCE COSTS (\$000)

Functional Category at Work Functions Active Installations	U/M	Workload Data	Civilian Personnel	Contracts	Other	Total	Military Personnel (\$000)	BWAR
1. Maintenance & Repair			81,741	145,940	26,434	254,115	11,336	352,199
a. Utilities	XXX		15,155	31,365	4,902	51,422	2,294	45,402
b. Other Real Property	XXX		56,586	114,575	21,532	202,693	9,042	306,797
(1) Buildings	KSF	98,169	45,857	87,452	14,829	148,138	6,608	226,606
(2) Other Facilities	XXX		4,488	6,765	1,451	12,704	567	31,158
(3) Pavements	KSY	73,063	13,568	14,033	4,388	31,989	1,427	35,319
(4) Land	AC	1,578,810	2,289	3,577	740	6,606	295	8,545
(5) Railroad Trackage	KLF	739	384	2,748	124	3,256	145	5,169
2. Minor Construction			1,697	25,621	3,125	30,443	0	
3. Operation of Utilities			21,143	90,439	9,847	121,429	0	
a. Electricity-Purchased	MMH	1,079,911	0	67,144	0	67,144	0	
b. Electricity-In House	MMH	2,908	233	70	53	356	0	
c. Heat-Purch, Stm/Wtr	MBTU	213,424	0	1,701	0	1,701	0	
d. Heat-In House Gen Stm/Wtr	MBTU	5,682,891	7,596	10,650	239	18,485	0	
e. Water Plants & Systems	KGAL	13,215,968	5,092	8,208	3,438	16,738	0	
f. Sewage Plants & Systems	KGAL	9,301,846	5,200	2,628	5,232	13,060	0	
g. Air Cond & Refrigeration	TONS	94,366	207	26	62	295	0	
h. Other	XXX		2,815	12	823	3,650	0	
4. Other Engineering Support			36,126	23,322	10,201	69,649	8,285	
a. Services	XXX		22,691	17,238	4,555	44,484	4,355	
b. Administration & Overhead	XXX		13,435	4,630	5,646	23,711	3,930	
c. Rentals, Leases & Easements	XXX		0	1,454	0	1,454	0	
Total Active Installations			140,707	285,322	49,607	475,636	19,621	
Inactive Installations			140,707	285,322	49,607	475,636	19,621	
Grand Total								

Exhibit OP-27

DoD Component: U.S. Marine Corps
Appropriation: OAHMC

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1992/1993 PRESIDENT'S BUDGET
FY1991
OPERATION & MAINTENANCE COSTS (\$000)

Functional Category at Work Functions Active Installations	U/M	Workload Data	Civilian Personnel	Contracts	Other	Total	Military Personnel (\$000)	BHAR
1. Maintenance & Repair			80,545	120,893	34,269	235,707	10,845	442,071
a. Utilities	XXX		14,933	44,018	6,354	65,305	2,195	56,987
b. Other Real Property	XXX		65,612	76,875	27,915	170,402	8,650	385,084
(1) Buildings	KSF	100,814	45,186	52,150	19,225	116,561	6,322	284,430
(2) Other Facilities	XXX		4,422	3,802	1,881	10,105	542	39,109
(3) Pavements	KSY	73,063	13,370	17,070	5,689	36,129	1,365	44,331
(4) Land	AC	1,578,810	2,255	1,508	959	4,722	282	10,726
(5) Railroad Trackage	KLF	739	379	2,345	161	2,885	139	6,488
2. Minor Construction			1,697	22,834	2,133	26,664	0	
3. Operation of Utilities			17,836	94,012	14,241	126,089	0	
a. Electricity-Purchased	HMN	1,079,911	0	69,796	0	69,796	0	
b. Electricity-In House	HMN	2,908	196	73	77	346	0	
c. Heat-Purch, Stm/Wtr	HBTU	213,424	0	1,768	0	1,768	0	
d. Heat-In House Gen Stm/Wtr	HBTU	5,682,891	6,410	11,071	345	17,826	0	
e. Water Plants & Systems	KCAL	13,215,968	4,296	8,532	4,972	17,800	0	
f. Sewage Plants & Systems	KCAL	9,301,846	4,386	2,733	7,568	14,687	0	
g. Air Cond & Refrigeration	TOMS	94,366	174	27	89	290	0	
h. Other	XXX		2,374	12	1,190	3,576	0	
4. Other Engineering Support			33,338	27,045	10,624	71,007	8,305	
a. Services	XXX		20,940	19,989	4,744	45,673	4,366	
b. Administration & Overhead	XXX		12,398	5,369	5,880	23,647	3,939	
c. Rentals, Leases & Easements	XXX		0	1,687	0	1,687	0	
Total Active Installations			133,416	264,784	61,267	459,467	19,150	
Inactive Installations								
Grand Total			133,416	264,784	61,267	459,467	19,150	

Exhibit OP-27

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DoD Component: U.S. Marine Corps
Appropriation: O&M/C

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1992/1993 PRESIDENT'S BUDGET
FY1992

OPERATION & MAINTENANCE COSTS (\$000)

Functional Category at Work Functions Active Installations	U/M	Workload Data	Civilian Personnel	Contracts	Other	Total	Military Personnel (\$000)	BNAR
1. Maintenance & Repair			84,733	101,279	31,641	217,653	11,412	561,978
a. Utilities	XXX		15,710	21,916	5,865	43,491	2,146	72,445
b. Other Real Property	XXX		69,023	79,363	25,776	174,162	9,266	489,533
(1) Buildings	KSF	101,997	47,534	49,519	17,752	114,805	6,005	361,579
(2) Other Facilities	XXX		4,652	4,481	1,737	10,870	1,364	49,717
(3) Pavements	KSY	73,063	14,066	22,356	5,252	41,674	1,105	56,355
(4) Land	AC	1,578,810	2,373	2,775	886	6,034	488	13,635
(5) Railroad Trackage	KLF	739	398	232	149	779	304	8,247
2. Minor Construction			1,794	22,579	2,216	26,589		
3. Operation of Utilities			17,674	83,905	11,779	113,358	0	
a. Electricity-Purchased	MHI	978,209	0	62,293	0	62,293	0	
b. Electricity-In House	MHI	2,908	194	65	64	323	0	
c. Heat-Purch, Stm/Wtr	MTU	213,424	0	1,578	0	1,578	0	
d. Heat-In House Gen Stm/Wtr	MTU	5,166,441	6,351	9,880	285	16,516	0	
e. Water Plants & Systems	KGAL	12,083,924	4,256	7,615	4,112	15,983	0	
f. Sewage Plants & Systems	KGAL	8,499,155	4,347	2,439	6,259	13,045	0	
g. Air Cond & Refrigeration	TOMS	86,194	173	24	74	271	0	
h. Other	XXX		2,353	11	985	3,349	0	
4. Other Engineering Support			32,605	33,855	11,384	77,844	8,767	
a. Services	XXX		20,479	25,024	5,083	50,586	4,608	
b. Administration & Overhead	XXX		12,126	6,721	6,301	25,148	4,159	
c. Rentals, Leases & Easements	XXX		0	2,110	0	2,110	0	
Total Active Installations			136,806	241,618	57,020	435,444	20,179	
Inactive Installations								
Grand Total			136,806	241,618	57,020	435,444	20,179	

Exhibit OP-27

5/5/92 41

DoD Component: U.S. Marine Corps
Appropriation: O&MHC

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1992/1993 PRESIDENT'S BUDGET

FY1993

OPERATION & MAINTENANCE COSTS (\$000)

Functional Category at Work Functions	U/M	Workload		Civillian Personnel	Contracts	Other	Total	Military Personnel	
		Data						(\$000)	BMAR
1. Maintenance & Repair				89,088	24,280	11,551	124,919	11,706	698,107
a. Utilities	XXX			16,517	5,179	2,142	23,838	2,201	89,993
b. Other Real Property	XXX			72,571	19,101	9,409	101,081	9,505	608,114
(1) Buildings	KSF	104,510		49,978	11,644	6,481	68,103	6,161	449,165
(2) Other Facilities	XXX			4,891	1,106	634	6,631	1,398	61,760
(3) Pavements	KSY	73,063		14,789	4,722	1,917	21,428	1,133	70,006
(4) Land	AC	1,578,810		2,494	237	323	3,054	501	16,938
(5) Railroad Trackage	KLF	739		419	1,392	54	1,865	312	10,245
2. Minor Construction				0	0	0	0	0	0
3. Operation of Utilities				18,566	88,808	3,704	111,078	0	0
a. Electricity-Purchased	MMH	956,912		0	65,933	0	65,933	0	0
b. Electricity-In House	MMH	2,908		204	68	20	292	0	0
c. Heat-Purch, Stm/Wtr	MBTU	213,424		0	1,670	0	1,670	0	0
d. Heat-In House Gen Stm/Wtr	MBTU	5,049,455		6,671	10,458	90	17,219	0	0
e. Water Plants & Systems	KGAL	11,821,021		4,471	8,060	1,293	13,824	0	0
f. Sewage Plants & Systems	KGAL	8,316,692		4,566	2,582	1,968	9,116	0	0
g. Air Cond & Refrigeration	TONS	84,319		182	25	23	230	0	0
h. Other	XXX			2,472	12	310	2,794	0	0
4. Other Engineering Support				32,951	32,703	11,835	77,489	8,821	0
a. Services	XXX			20,697	24,172	5,284	50,153	4,636	0
b. Administration & Overhead	XXX			12,254	6,492	6,551	25,297	4,185	0
c. Rentals, Leases & Easements	XXX			0	2,039	0	2,039	0	0
Total Active Installations				140,605	145,791	27,090	313,486	20,527	0
Inactive Installations									
Grand Total				140,605	145,791	27,090	313,486	20,527	0

NOTE: Minor Construction transferred to Milcon.

Exhibit OP-27

SECRET

Appropriation: OEMMC

REAL PROPERTY MAINTENANCE ACTIVITIES
FY1992/1993 PRESIDENT'S BUDGET
BACKLOG OF MAINTENANCE AND REPAIR (BMAR) OF REAL PROPERTY
(\$ IN MILLIONS)

	FY90	FY91	FY92	FY93
A. BACKLOG - BEGINNING OF YEAR	370.3	352.2	442.1	562.0
(BACKLOG CARRIED FORWARD FROM PRIOR YEARS)				
(MINUS BACKLOG MORE THAN FOUR YEARS OLD)	386.5	368.2	458.5	577.2
(ADJUSTED BACKLOG CARRIED FORWARD)	28.5	26.9	28.5	30.2
(INFLATION ADJUSTMENT)	358.0	341.3	430.0	547.0
(FOREIGN CURRENCY REEVALUATION)	12.3	10.9	12.1	15.0
	-1.7	-2.3	-6.6	-7.9
B. REQUIREMENTS:	247.3	334.1	349.0	357.9
(RECURRING MAINTENANCE & REPAIRS)				
(MAJOR REPAIR PROJECTS)	142.8	195.7	203.0	206.2
(BACKLOG DETERIORATION)	93.4	127.9	132.7	134.8
	11.1	10.5	13.3	16.9
C. TOTAL REQUIREMENTS (A+B)	617.6	686.6	791.1	919.9
D. PROGRAM ADJUSTMENTS:	265.4	246.5	229.1	221.8
(DIRECT PROGRAM FUNDING)				
(FUNDS MIGRATION FROM OTHER AREAS)	254.1	235.7	217.7	124.9
(NET OTHER ADJUSTMENTS)	11.3	10.8	11.4	11.7
	0.0	0.0	0.0	85.2
E. BACKLOG - END OF YEAR (C-D)	352.2	442.1	562.0	698.1
F. PERCENT BMAR CHANGE ((E-A)/A)	-4.9	25.5	27.1	24.2

** Funds transferred to MCON appropriation.

Exhibit OP-27

000043

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 92/93 PRESIDENT'S BUDGET
 OPERATIONS AND MAINTENANCE COSTS
 Real Property Maintenance and Minor Construction Projects
 (HISTORICAL BUILDING COSTS)

Appropriation: O&M&C

PART I: HISTORIC HOUSING COSTS

		FY 1991	FY 1992	(\$000)	FY 1993
A. No. of Units:	7				
B. Improvements:		0	0		0
C. Maintenance and Repair:		432	133		82

PART II: ALL OTHER HISTORIC BUILDINGS

A. No. of Facilities:	37				
B. Minor Construction:		167	447		80
C. Major Repair (over \$25,000.00):		5719	1782		1631
D. Recurring Maintenance (\$25,000.00 or under):		442	229		268

Grand Total:	6760	2591		2061
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OP-2/H

DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY91 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: O & MMC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
AZ	MCAS YUMA AZ	REPAIR RUNWAY 3R-21L	\$3,518.

JUSTIFICATION: PROJECT REPAIRS 156,000 SY OF ASPHALTIC CONCRETE AND PORTLAND CONCRETE CEMENT SURFACE ON THE PRIMARY RUNWAY SYSTEM. REPAIRS REQUIRED TO PREVENT FURTHER CRACKING AND SPALLING OF THE WEARING SURFACE AND TO INSURE THE CONTINUED SAFE OPERATION OF THE AIRFIELD. REPAIRS NEEDED DUE TO SPALL AND BASE COURSE FAILURES AND DETERIORATION FROM NORMAL WEAR.

CA	MCAGCC 29 PALMS CA	REPAIR ENLISTED MESSHALL	\$1,400.
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JUSTIFICATION: THIS PROJECT REPAIRS 18,640 SQUARE FEET OF A 37 YEAR OLD DINING FACILITY BY REPLACING THE HEATING/VENTILATION SYSTEM, CEILING, DOORS, WALLS, PLUMBING, LIGHTING, AND SEWER SYSTEM. BLOCKAGES IN THE SEWER SYSTEM AND DETERIORATING CEILING CAUSE UNSANITARY CONDITIONS IN THE MESSHALL. THE LIGHTING IS INADEQUATE AND THE PLUMBING IS CORRODED AND LEAKS.

CA	MCAGCC 29 PALMS CA	REPLACE WATER WELL COLLECT LINES	\$1,050.
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JUSTIFICATION: PROJECT REPAIRS 27,000 LF OF 12 INCH WATER SUPPLY LINES. REPAIRS REQUIRED TO PREVENT LEAKING AND FREQUENT BREAKS IN THE LINES WHICH OCCUR REGULARLY. REPAIRS NEEDED DUE TO AGE(28 YEARS OLD), CORROSION, AND DETERIORATED MATERIAL. THESE LINES PROVIDE THE MAIN SOURCE OF WATER FOR THE BASE.

CA	MCAS EL TORO CA	POWER DISTRIBUTION CIRCUIT 101	\$1,100.
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JUSTIFICATION: REPLACE THE EXISTING ELECTRICAL DISTRIBUTION SYSTEM WHICH WAS INSTALLED IN THE 1960'S. THIS SYSTEM IS INADEQUATE TO SUPPLY SAFE, RELIABLE ELECTRICAL POWER. THE EXISTING MEDIUM-VOLTAGE DISTRIBUTION CIRCUITS ARE OVERLOADED AND NUMEROUS LOAD CENTER TRANSFORMERS ARE FILLED WITH TRANSFORMER OIL CONTAINING POLYCHLORINATED BIPHENYLS (PCB'S).

DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY91 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: O & MMC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
CA	MCAS EL TORO CA	POWER DISTRIBUTION CIRCUIT 103	\$932.

JUSTIFICATION: REPLACE EXISTING 4160 KV CIRCUIT, WHICH WAS INSTALLED WHEN THE AIR STATION WAS ORIGINALLY BUILT IN THE 1940'S. THE CURRENT SYSTEM IS UNABLE TO SUPPLY SAFE, RELIABLE ELECTRICAL POWER. THIS SYSTEM HAS MEDIUM-VOLTAGE DISTRIBUTION CIRCUITS WHICH ARE OVERLOADED. NUMEROUS LOAD CENTER TRANSFORMERS ARE FILLED WITH TRANSFORMER OIL CONTAINING POLYCHLORINATED BIPHENYLS (PCB'S).

CA	MCAS EL TORO CA	REPAIR AIRCRAFT REFUELING SYSTEM	\$2,800.
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JUSTIFICATION: REPAIRS A 34 YEAR OLD AIRCRAFT DIRECT REFUELING SYSTEM WHICH WAS BUILT WITH NO CATHODIC PROTECTION OR ENVIRONMENTAL CONCERNS. THE PIPES AND TANKS ARE DETERIORATING POSING A POTENTIAL ENVIRONMENTAL PROBLEM, AND THE PUMPS DO NOT DELIVER THE PROPER FUEL AMOUNTS IN ACCORDANCE WITH CURRENT REQUIREMENTS. THE PRESENT SYSTEM IS CURRENTLY IN VIOLATION OF NAVAIR SAFETY CRITERIA REGARDING FUEL SYSTEMS AND IS A SAFETY HAZARD.

CA	MCAS EL TORO CA	REPAIR RUNWAY OVERRUN, RUNWAY 21	\$1,500.
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JUSTIFICATION: THE PROJECT REPAIRS A 24,445 SQUARE YARD OVERRUN AREA BY RECONSTRUCTING THE BASE AND OVERLAYING IT WITH 4 INCHES OF ASPHALT CONCRETE AND STABILIZING 86,666 SQUARE YARDS OF THE SHOULDER BY REPAIRING THE DRAINAGE SYSTEM AND REPLANTING THE SOIL. THE EXISTING OVERRUN AREA HAS DETERIORATED OVER TIME AND IS NOW BROKEN UP AND OVERGROWN. 2 ACCIDENTS HAVE OCCURRED DUE TO THIS CONDITION.

CA	MCAS TUSTIN CA	REPAIR HANGAR 28/29 DOORS	\$2,632.
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JUSTIFICATION: PROJECT REPAIRS 4 SETS OF 229 FT WIDE BY 120 FT HIGH HANGAR DOORS AND REPLACES DOOR OPERATORS, MOTORS, AND GUIDE ROLLERS. REPAIRS NEEDED TO PROVIDE OPERABLE HANGAR DOORS, WORKING MOTORS AND DOOR OPERATORS, AND GUIDE ROLLERS WHICH ROLL. REPAIRS REQUIRED DUE TO AGE(48 YEARS OLD), NORMAL WEAR, WEATHERING, AND TO SATISFY OSHA REQUIREMENTS.

DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY91 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: O & MMC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
CA	MCAS TUSTIN CA	REPAIR POWER DISTRIBUTION SYSTEM	\$1,001.

JUSTIFICATION: EXISTING SKV LINE, INSTALLED IN 1942, CANNOT ACCOMMODATE EXISTING OR PLANNED LOAD. CIRCUITS ARE OVERLOADED AND TRANSFORMERS MUST BE CONTINUALLY MONITORED FOR LEAKS. ELECTRICAL SHUTDOWNS AND POWER OUTAGES ARE CURRENTLY REQUIRED WHEN THE CIRCUIT BECOMES OVERLOADED. CURRENT STATUS HAS POTENTIAL FOR LEAKAGE OF TRANSFORMERS FILLED WITH PCB'S WHICH WILL RESULT IN EXPENSIVE CLEAN-UP REQUIREMENTS.

CA	MCAS TUSTIN CA	REPAIRS TO MESSHALL	\$895.
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JUSTIFICATION: REPAIRS STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OF THE 20 YEAR OLD FACILITY. STRUCTURALLY, WINDOWS, DOORS, AND ROOFS ARE DETERIORATING; MECHANICALLY, THE BOILER ROOM AND WALK-IN REFRIGERATION UNITS REQUIRE CONTINUOUS REPAIRS; AND ELECTRICALLY THE SYSTEM IS OBSOLETE. SPARE PARTS ARE HARD TO FIND. THE REPAIRS WILL PROVIDE AN ADEQUATE, FUNCTIONAL FACILITY FOR THE FEEDING OF ENLISTED MARINES.

CA	MCB CAMP PENDLETON CA	REPAIR EXTERIOR MESSHALLS	\$1,232.
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JUSTIFICATION: THIS PROJECT REPAIRS 109,656 SQUARE FEET OF EIGHT 37 YEAR OLD MESSHALLS BY REPLACING THE DOCK BUMPERS, DOORS, AND WINDOWS; REPAIR CONCRETE DOCKS AND STEPS; AND STUCCO THE EXTERIOR. THE CONCRETE DOCKS AND STEPS ARE CHIPPING AND BREAKING APART. THE WINDOWS AND DOORS ARE OLD AND DIFFICULT TO REPAIR DUE TO UNAVAILABILITY OF PARTS. THE EXTERIOR OF THE BUILDINGS IS CRACKING AND PAINT WILL NO LONGER ADHERE TO THE SURFACE.

CA	MCB CAMP PENDLETON CA	REPAIR SECONDARY ELECTRICAL	\$690.
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JUSTIFICATION: THIS PROJECT WILL REPAIR THE SECONDARY ELECTRICAL SYSTEM FOR TWENTY BUILDINGS CONSTRUCTED BETWEEN 1942 AND 1952. THE EXISTING OVERHEAD SERVICE AND DROPS HAVE DETERIORATED AND THE TRANSFORMERS AND ENTRANCE EQUIPMENT ARE UNDER CAPACITY. REPAIRS ARE REQUIRED TO ALLEVIATE POWER OUTAGES, HAZARDOUS CONDITIONS DUE TO POOR OR FRAYED WIRING, AND OVERLOAD CAUSED BY IMPROPERLY SIZED AND RATED EQUIPMENT.

DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY91 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: O & MMC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
CA	NCB CAMP PENDLETON CA	DREDGING LAKE O'NEIL	\$1,800.

JUSTIFICATION: THIS PROJECT WILL INCREASE THE WATER STORAGE CAPACITY OF LAKE O'NEILL BY REMOVING 325,000 CUBIC YARDS OF SILT AND SEDIMENT. CAMP PENDLETON HAS A NON-STATUTORY APPROPRIATIVE STORAGE RIGHT TO 1200 ACRE FEET OF WATER. CURRENT CAPACITY IS 1000 ACRE FEET. WATER IS USED TO RECHARGE SANTA MARGARITA GROUNDWATER BASIN IN FALL OF EACH YEAR. DESILTING WILL INCREASE WATER STORAGE, PROVIDE WATER FOR EMERGENCIES, AND PREVENT SALT WATER INTRUSION.

CA	NCLB BARSTOW CA	REPLACE BOILERS, BLDG 327	\$1,860.
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JUSTIFICATION: THIS PROJECT REPAIRS THREE 36-45 YEAR OLD BOILERS BY REPLACING THEM WITH NEW GAS-FIRED BOILERS. THE BOILERS ARE OLD AND DETERIORATED. THEY ARE ENERGY INEFFICIENT AND POTENTIALLY DANGEROUS. A CERTIFIED BOILER INSPECTOR RECENTLY DECLARED THE BOILERS INOPERATIVE DUE TO THEIR CONDITION.

CA	NCLB BARSTOW CA	REPAIR ELECTRICAL DISTRIBUTION	\$700.
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JUSTIFICATION: PROJECT REPAIRS OUTDATED ELECTRICAL DISTRIBUTION SYSTEM. REPAIRS REQUIRED TO ALLEVIATE POWER OUTAGES, HAZARDOUS CONDITIONS DUE TO POOR OR FRAYED WIRING, AND OVERLOAD CAUSED BY IMPROPERLY SIZED AND RATED DISTRIBUTION LINES. REPAIRS NEEDED DUE TO AGE (INSTALLED IN 1962). NORMAL DETERIORATION CAUSED BY WEATHER AND WEAR, AND TO PREVENT POSSIBLE INJURIES WHICH MAY RESULT FROM ARCING WIRES.

CA	NCRD SAN DIEGO CA	REPLACE STEAM/CONDENSATE LINES	\$967.
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JUSTIFICATION: THE EXISTING STEAM LINES IN 3 BUILDINGS HAVE DETERIORATED BEYOND ECONOMICAL REPAIR AND THE LINES ARE LEAKING. LOOSE ASBESTOS INSULATION IS PREVALENT WHICH POSES A MAJOR HEALTH HAZARD. THE PROJECT WILL REPLACE THE STEAM LINES IN THESE 3 BUILDINGS AS WELL AS THE ASBESTOS INSULATION ON THE PIPING.

DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY91 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: O & MMC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
CA	MCRD SAN DIEGO CA	RPR SWIM TANK BLDG	\$618.

JUSTIFICATION: THIS PROJECT WILL REPAIR A COMBAT TRAINING SWIM TANK CONSTRUCTED IN 1962 BY RENOVATING THE ELECTRICAL DISTRIBUTION SYSTEM, REPLACE LIGHTING, SINKS AND FIXTURES, BATHROOM AND SHOWER FACILITIES, GRAVEL ROOF, AND LOCKER ROOMS. REPAIR POOL FILTER AND DRAINS, SOLAR HEAT SYSTEM. REMOVE ASBESTOS. RENOVATE STAFF OFFICES. THE HEALTH AND WELL BEING OF RECRUITS IS IMPACTED DUE TO DETERIORATED CONDITION OF FACILITY.

GA	MCLB ALBANY GA	RENOVATE BUILDING 3500, BASE HQ	\$985.
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JUSTIFICATION: PROJECT REPLACES 30,000 SF OF PLYWOOD WALLS AND 45,000 SF OF CEILING TILES. REMOVES ASBESTOS, AND REPAIRS THE ELECTRICAL AND PLUMBING. REPAIRS ARE REQUIRED TO ALLEVIATE POTENTIAL HEALTH HAZARDS, TO MEET CURRENT SAFETY CODES, AND TO MAINTAIN CONTINUED SERVICE OF ELECTRICITY AND WATER. FACILITY IS OVER 30 YEARS OLD. REPAIRS NEEDED DUE TO NORMAL WEAR, AGE, AND CURRENT STANDARDS/CODES.

HI	MCAS KANOEHE BAY HI	REPAIRS TO SANITARY SEWER SYSTEM	\$1,676.
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JUSTIFICATION: REPAIR/REPLACE 10,587 LF OF DETERIORATED SEWER LINES. CURRENT SITUATION CONSISTS OF NUMEROUS SEWER PIPELINE LEAKS. OBSTRUCTIONS TO SEWAGE FLOW AND FREQUENT BREAKDOWN OF PIPE SECTIONS. PROJECT NEEDED TO ENSURE ADEQUATE SERVICE TO BASE STATION AND HOUSING AREAS BY REPLACING 50 YEAR OLD SYSTEM SUFFERING FROM DETERIORATION CAUSED BY SEWAGE GASES (HYDROGEN SULFIDE AND OTHER AGENTS).

HI	MCAS KANOEHE BAY HI	GRADING/DREDGE DRAINAGE CANAL	\$650.
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JUSTIFICATION: PROJECT REPAIRS 17,900 CUBIC YARDS OF MAJOR STORM DRAINAGE SYSTEM AND 26,000 SY OF MOTOR TRANSPORT COMPOUND. REPAIRS REQUIRED TO MINIMIZE FLOODING WHICH OBSTRUCTS VEHICULAR/PEDESTRIAN TRAFFIC, CONTROL EROSION, AND PREVENT POOLING OF WATER WHICH ACTS AS A BREEDING GROUND FOR INSECTS. REPAIRS NEEDED TO REMOVE SILT, DEBRIS, AND UNDERGROWTH WHICH CLOGS THE SYSTEM AND PREVENT THE FURTHER DETERIORATION OF THE DRAINAGE SYSTEM.

OP27P

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DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY91 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: O & MMC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
HI	MCAS KANOEHE BAY HI	REPAIRS TO MESSEHALLS	\$1,800.
JUSTIFICATION: BASE HAS TWO MESSEHALLS. ONE IS 49 YEARS OLD AND THE OTHER IS 36 YEARS OLD. FACILITIES ARE ANTIQUATED AND CONTAIN ASBESTOS. UNDERGROUND STORAGE TANKS DO NOT CONFORM TO CURRENT EPA REGULATIONS. PROJECT REMOVES ASBESTOS, UNDERGROUND STORAGE TANKS, AND MAKES REQUIRED STRUCTURAL REPAIRS. REPLACES DIESEL BURNING OVENS WITH MODERN ELECTRICAL ONES, AND MAKES REQUIRED STRUCTURAL REPAIRS.			
JA	MCB CAMP BUTLER JA	REPAIR SEWER LINES, KINSEY	\$4,901.
JUSTIFICATION: PROJECT REPAIRS 38,730 LF OF SEWER LINES. PROJECT REQUIRED TO RESTORE PROPER DRAINAGE FOR THE SYSTEM, PREVENT LEAKS AND BLOCKAGES, AND INSURE THAT LOCAL ENVIRONMENTAL LAWS ARE ADHERED TO. PROJECT NEEDED DUE TO AGE OF THE LINES (OVER 30 YEARS OLD). THE BREAKDOWN OF THE CONCRETE PIPES DUE TO THE SOIL'S ACIDITY, AND THE EXTENSIVE MAINTENANCE EFFORT REQUIRED TO KEEP THESE LINES OPEN.			
JA	MCB CAMP BUTLER JA	ASBESTOS REMOVAL, 26 BUILDINGS	\$3,153.
JUSTIFICATION: PROJECT REMOVES FRIABLE ASBESTOS AND REPAIRS PORTIONS OF THE ELECTRICAL SYSTEMS. REPAIRS REQUIRED TO CONFORM WITH OSHA REGULATIONS AND ALLEVIATE THE SAFETY HAZARD DUE TO FRAYED WIRING. REPAIRS NEEDED DUE TO AGE(25 TO 30 YEARS OLD), CONDITION OF THE EQUIPMENT, NORMAL WEAR, AND OSHA REGULATIONS.			
NC	MCAS CHERRY PT NC	REPLACE BAILEY BRIDGES, BT-11	\$815.
JUSTIFICATION: PROJECT REPAIRS FOUR ANTIQUATED BRIDGES. REPAIRS REQUIRED TO ALLEVIATE SAFETY PROBLEMS. PREVENT FURTHER DETERIORATION, AND PROVIDE ADEQUATE ACCESS FOR THE LOADS AND WIDTHS REQUIRED TO BE TRANSPORTED OVER THESE BRIDGES. REPAIRS NEEDED DUE TO SALT CORROSION, DETERIORATED MATERIAL, AND TO PREVENT POTENTIAL ACCIDENTS DUE TO BRIDGE FAILURE.			

DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY91 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: O & MNC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
NC	NCB CAMP LEJEUNE NC	INT/EXT RPRS BQ BLDG 67	\$1,381.
JUSTIFICATION: THIS PROJECT REPAIRS 29,643 SF OF A MULTI-USE BUILDING, BUILT IN 1943, BY REPLACING EXTERIOR DOORS, WINDOWS, GUTTERS, DOWNSPOUTS, FLOOR COVERINGS, CEILING TILES, AND INTERIOR DOORS; RENOVATION OF BATHROOMS, HVAC AND ELECTRICAL SYSTEMS. REPLACE LIGHTS. REMOVE ASBESTOS. REPLACE POTABLE WATER PIPING AND PLUMBING FIXTURES. REPLACE DAMAGED EXTERIOR BRICK AND WATERPROOF. REINSULATE ATTIC SPACE. NO MAJOR REPAIR ON BQ SINCE CONSTRUCTION.			
NC	NCB CAMP LEJEUNE NC	INT/EXT RPRS BLDG 80	\$537.
JUSTIFICATION: THIS PROJECT REPAIRS 9912 SF OF A PRINTING PLANT CONSTRUCTED IN 1955. NO PREVIOUS MAJOR REPAIR ON THIS BUILDING. REPLACE WINDOWS, EXTERIOR DOORS, GUTTERS AND DOWNSPOUTS. REPLACE CEILING TILES. FLOOR COVERINGS, AND ATTIC INSULATION. RENOVATE BATHROOMS. REWIRE BUILDING AND REPLACE ELECTRIC SERVICE AND LIGHTING. REPLACE HVAC SYSTEM. REMOVE ASBESTOS INSULATION AND WALL PANELS. REPLACE PIPE AND FITTINGS. REPLACE EXTERIOR STEPS.			
NC	NCB CAMP LEJEUNE NC	INT/EXT RPR BQ BLDG BB-45	\$1,485.
JUSTIFICATION: THIS PROJECT WILL REPAIR A BQ CONSTRUCTED IN 1944 BY REPLACING WINDOWS, DOORS, CEILING TILES, FLOOR COVERINGS, BATHROOMS. REMOVE ASBESTOS. REPLACE HEATING SYSTEM EQUIPMENT. RENOVATE ELECTRICAL SYSTEM. REPLACE LIGHTS, FIRE ALARM SYSTEMS, AND ROOF VENTS. RENOVATE HVAC SYSTEM. REPLACE PLUMBING FIXTURES. PROVIDE THERMAL INSULATION IN ATTIC SPACE. REPAIR AND PAINT EXTERIOR. NO MAJOR REPAIR IN BUILDING SINCE CONSTRUCTION.			
NC	NCB CAMP LEJEUNE NC	INT/EXT RPRS BLDG RR-9	\$564.
JUSTIFICATION: THIS PROJECT REPAIRS THE INTERIOR AND EXTERIOR OF BLDG RR-9. A 14,237 SF, 28 PERSON BQ, CONSTRUCTED IN 1942. PROJECT INCLUDE INSTALLATION OF THERMALLY EFFICIENT EXTERIOR WINDOWS AND DOORS, REPAIR OF DETERIORATED ELECTRICAL, PLUMBING, AND MECHANICAL SYSTEMS, REPAIR OF REPLACEMENT OF CEILINGS, FLOOR COVERINGS, HEAD FACILITIES, AND EXTERIOR ENTRANCE AND SIDING. NO MAJOR REPAIR ON BUILDING SINCE CONSTRUCTION.			

OP27P

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DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY91 REAL PROPERTY MAINTENANCE AND MAJOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: O & MMC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
NC	MCB CAMP LEJEUNE NC	INT/EXT RPR, M213-M217	\$661.
JUSTIFICATION: THESE BUILDINGS HAVE HAD NO MAJOR REPAIRS SINCE THEIR CONSTRUCTION IN 1963. BUILDING CONSTRUCTION IS OF CMU WITH A SINGLE ROOF. REPLACING EACH BUILDING WOULD COST \$260,000 TO \$500,000. PROJECT WILL PROVIDE MAJOR INTERIOR REPAIRS TO WALLS, FLOOR, CEILINGS, DOORS AND TRIM. EXTERIOR RPRS INCLUDE THE REPLACEMENT OF ALL WINDOWS/DOORS, REPAIR/REPLACE SIDING, SOFFIT, FASCIA AND EXTERIOR PAINTING.			
NC	MCB CAMP LEJEUNE NC	REPLACE FUEL OIL TANK, S-1701	\$593.
JUSTIFICATION: PROJECT REPLACES 400,000 GALLON FUEL STORAGE TANK AND ITS ASSOCIATED SUPPLY AND RETURN LINES. STORAGE TANK HAS ADVANCED DETERIORATION, PITTING AT TANK BOTTOM, LEAKING JOINTS AND CRACKING SEAMS. ASSOCIATED LINES HAVE FRIABLE ASBESTOS INSULATION AND ARE LEAKING BADLY. BASE MUST MAINTAIN 30 DAY SUPPLY OF OIL, BUT CAN ONLY MAINTAIN 5 WITHOUT THIS STORAGE TANK.			
NC	MCB CAMP LEJEUNE NC	REPL STEAM LINES, WAREHOUSE AREA	\$1,386.
JUSTIFICATION: REPLACES STEAM/CONDENSATE LINES IN HADNOT POINT WAREHOUSE AND PROVIDES A NEW STEAM TUNNEL WITH REMOVABLE LOUVERS. REPLACEMENT IS REQUIRED TO FIX DETERIORATED, LEAKING PIPES AND NEW STEAM TUNNEL EASES MAINTENANCE EFFORT REQUIRED.			
NC	MCB CAMP LEJEUNE NC	RPR METAL BLDGS, 908,909,910,913	\$780.
JUSTIFICATION: THIS PROJECT WILL REPLACE INTERIOR WALLS, EXTERIOR METAL SKIN AND COMPLETELY REWIRE/RELIGHT THE INTERIOR OF FOUR BUILDINGS. SLIDING DOORS WILL BE REPLACED WITH NEW HARDWARE. ALL MECHANICAL PIPING SYSTEMS WILL BE REPLACED. THE BUILDINGS WERE CONSTRUCTED IN THE 1940'S AND NO MAJOR REPAIRS HAVE BEEN UNDERTAKEN. THE ROOFS ARE LEAKING AND NEED RECOATING. THE ELECTRICAL SYSTEMS MUST ALSO BE REPLACED.			

OP27P

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DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY91 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: O & MNC

COST(\$000)

PROJECT TITLE

LOCATION/INSTALLATION

STATE

\$900.

REPAIR ROOF AS-504

NCB CAMP LEJEUNE NC

NC

JUSTIFICATION:

\$911.

REPAIRS TO 6 HANGARS

NCAS BEAUFORT SC

SC

JUSTIFICATION: REPAIRS 6 HANGARS BY REPLACING 45 WINDOWS, DOORS, 69,700 LF OF ELECTRICAL WIRING, 510 RECEPTACLES, AND 6-20,000 LB HOISTS, REPAIRS TOILET FACILITIES, AND PAINTS 257,809 SF OF HANGARS. REPAIRS REQUIRED TO FIX ELECTRICAL/FIRE HAZARDS, OLD, FRAYED THE WIRING, LEAKING ROOFS, CRACKED/LEAKING TOILETS, AND IMPROVE THE HEALTH CONDITIONS. HANGARS ARE 34 YEARS OLD. REPAIRS NEEDED DUE TO AGE, WEATHER, AND NORMAL USAGE. COST PER HANGAR - \$151,910

\$3,500.

REPLACE WALL PANELS/ASBESTOS ROOF

NCAS BEAUFORT SC

SC

JUSTIFICATION: PROJECT REPLACES 35,700 SF OF WALL PANELS AND 130,400 SF OF ASBESTOS ROOF IN THREE HANGARS. REPAIRS ARE REQUIRED TO PREVENT LEAKING ROOFS AND FURTHER STRUCTURAL DAMAGE TO THE HANGARS. REPAIRS NEEDED DUE TO DETERIORATION, BRITTLENESS OF ASBESTOS, AND CONTINUED USE OVER THE PAST 34 YEARS.

\$788.

REPAIRS TO BOQ

MCRD PARRIS ISLAND SC

SC

JUSTIFICATION: PROJECT REPLACES WINDOWS AND DOORS, REPAIRS THE WOODWORK, CEILINGS, ELECTRICAL WIRING, LIGHT FIXTURES, HEATING SYSTEM AND INSULATION, AND REMOVES ASBESTOS. REPAIRS REQUIRED TO FIX ROTTED WOODWORK AND WINDOW FRAMES, BROKEN CEILING TILES, INOPERABLE HEATING SYSTEM, FRAYED WIRING, AND INADEQUATE LIGHTING. REPAIRS NEEDED DUE TO AGE(46 YEARS OLD), WATER INTRUSION, EXCESSIVE USE, AND TO CONFORM WITH CURRENT ELECTRICAL AND ENVIRONMENTAL CODES.

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DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY91 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: O & MMC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
SC	MCRD PARRIS ISLAND SC	REPLACE WINDOWS 599/601	\$920.

JUSTIFICATION: THIS PROJECT REPLACES 744 WINDOWS IN TWO 21 YEAR OLD BUILDINGS WITH NEW THERMALLY INSULATED ANNOXIDIZED ALUMINUM WINDOWS. EXISTING WINDOWS ARE THERMALLY INEFFICIENT, SINGLE GLAZED, IN VARYING STATE OF DISREPAIR. REPAIR COSTS ARE PROHIBITIVE DUE TO NON AVAILABILITY OF PARTS FROM COMMERCIAL SOURCES, OFTEN EXCEEDING COST OF NEW WINDOWS. HIGH MAINTENANCE COSTS AND LOSS OF ENERGY WILL CONTINUE IF WINDOWS ARE NOT REPLACED.

SC	MCRD PARRIS ISLAND SC	REPAIR 14 RECRUIT BARRACKS	\$1,362.
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JUSTIFICATION: THIS PROJECT REPAIRS 306,000 SQUARE FEET OF FOURTEEN 30 YEAR OLD BUILDINGS BY REPLACING HEATING SYSTEMS; APPLYING EPOXY SEALANT TO 152,000 SF OF CONCRETE FLOORS; PAINTING 236,000 SF OF CEILINGS, WALLS, AND DOORS; REPLACEMENT OF 22,000 SF OF ROOF MEMBRANE; AND REPLACEMENT OF 42 STEEL DOORS. LEAKING ROOFS AND FAILURE PRONE HEATING SYSTEMS IS CAUSING DETERIORATION OF BUILDINGS, AFFECTING THE QUALITY OF LIFE OF 2678 RECRUITS ASSIGNED TO THESE BARRACKS.

SC	MCRD PARRIS ISLAND SC	REPAIR STEAMLINES	\$1,015.
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JUSTIFICATION: THE PROJECT REPAIRS 10,300 LINEAR FEET OF STEAMLINES BY REPLACING THE OLD STEAM/CONDENSATE LINES, INSULATION, VALVES, AND OTHER RELATED EQUIPMENT. THE CURRENT LINES ARE OLD AND DETERIORATED. THE PIPING IS CORRODED THROUGH CAUSING NUMEROUS LEAKS. FRIABLE ASBESTOS INSULATION POSES A SERIOUS HEALTH HAZARD TO PERSONNEL.

SC	MCRD PARRIS ISLAND SC	REPAIR ELECTRICAL DISTR SYSTEM	\$1,360.
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JUSTIFICATION: THE PROJECT WILL REPAIR THE DISTRIBUTION SYSTEM BY REPLACING 502 ELECTRICAL POLES, CROSSARMS, INSULATORS, AND OTHER RELATED HARDWARE WITH NEW POLES. THE AGE AND CONDITION OF THE CURRENT SYSTEM HAS RESULTED IN POWER OUTAGES BECOMING MORE FREQUENT. THE POLES ARE ROTTING AND INFESTED WITH INSECTS, THE CROSSARMS ARE ROTTEN, INSULATORS CRACKED, HARDWARE RUSTED, FUSE CUTOFFS INOPERABLE, AND GUYS BROKEN WHICH MAKES THE SYSTEM DIFFICULT TO MAINTAIN.

DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY91 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: O & MMC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
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VA	MCCDC QUANTICO VA	REPAIR WATER TREATMENT PLANT	\$663.
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JUSTIFICATION: REPAIR TWO CONCRETE WATER CLARIFIERS INSTALLED 45 YEARS AGO WITH STATE OF THE ART STEEL TANKS. THE WATER CLARIFIERS ARE USED TO PURIFY WATER FOR THE MAINSIDE AREA ON BASE. PARTS ARE OBSOLETE AND MUST BE MANUFACTURED. WHEN THE SYSTEM IS INOPERATIVE, DRINKING WATER IS NONEXISTENT MAINSIDE. CONCRETE IS SPALLING, CAUSING THE TANKS TO CORRODE BEYOND ECONOMICAL REPAIR.

VA	MCCDC QUANTICO VA	RPR SAN SEWER LYMAN/THOMSON AREA	\$2,057.
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JUSTIFICATION: REPAIRS 17,395 LF OF SANITARY SEWER LINES WHICH ARE OVER 30 YEARS OLD. GROUNDWATER INFILTRATION OCCURS REGULARLY DUE TO HYDROGEN SULFIDE CORROSION OF PIPES. BASE HAS BEEN IDENTIFIED BY STATE WATER CONTROL BOARD FOR FLOW AND WATER QUALITY VIOLATIONS. REPAIRS WILL ALLEVIATE THE OVERFLOW PROBLEMS AND THE VIOLATIONS.

VA	MCCDC QUANTICO VA	RPR SAN SEWER, JOHN QUICK AREA	\$894.
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JUSTIFICATION: REPAIRS 7,350 LF OF DETERIORATED SANITARY SEWER LINES WHICH ARE OVER 30 YEARS OLD. GROUNDWATER INFILTRATION OCCURS REGULARLY DUE TO HYDROGEN SULFIDE CORROSION OF PIPES. BASE HAS BEEN IDENTIFIED BY STATE WATER CONTROL BOARD FOR FLOW AND QUALITY VIOLATIONS. REPAIRS WILL ALLEVIATE THE OVERFLOW PROBLEMS AND THE VIOLATIONS.

VA	MCCDC QUANTICO VA	REPLACE PCB TRANSFORMERS	\$1,978.
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JUSTIFICATION: REPLACE 50 TRANSFORMERS WHOSE COOLING OIL CONTAINS PCB'S. PROJECT WILL COMPLETE BASE GOAL OF REPLACING ALL ITS OLD PCB TRANSFORMERS. REPLACEMENT WILL ALLEVIATE HEALTH HAZARD TO REPAIR PERSONNEL OR OTHERS WHO MAY COME INTO CONTACT WITH THE OIL USED IN THESE TRANSFORMERS.

DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY91 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: O & MNC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
VA	MCCDC QUANTICO VA	REPLACE ROOF, COMMISSARY	\$761.
JUSTIFICATION: PROJECT REPLACES 49,500 SF OF EXISTING METAL ROOF. REPAIRS REQUIRED TO PREVENT FURTHER LEAKING, WATER DAMAGE TO THE INTERIOR, AND WEAKENING OF THE STRUCTURAL INTEGRITY OF THE BUILDING. REPAIRS NEEDED DUE TO DETERIORATION OF THE ROOF MEMBRANE AND NORMAL WEAR.			
VA	MCCDC QUANTICO VA	REPLACE STEAM/CONDENSATE LINES	\$1,116.
JUSTIFICATION: PROJECT REPLACES 6,413 LF OF 8" STEAM/CONDENSATE LINES, 5" INSULATION, AND 356 HANGARS. REPLACEMENT REQUIRED TO PREVENT FURTHER CORROSION OF THE STEAM LINES, NUMEROUS LEAKS, STEAM OUTAGES, AND INOPERABILITY OF THE VALVES AND PUMPS. PROJECT NEEDED DUE TO DETERIORATED CONDITION OF THE PIPES, FROZEN VALVES AND PUMPS, AND AGE OF THE STEAM LINES. (APPROX 40 YEARS OLD)			
VA	MCCDC QUANTICO VA	REPAIR BRIDGES	\$915.
JUSTIFICATION: PROJECT REPAIRS 16 BRIDGES AT BASEWIDE LOCATIONS. REPAIRS REQUIRED TO FIX CRACKED EXPANSION JOINTS, SPALLED SECTIONS OF CONCRETE WHICH HAVE FALLEN FROM THE BRIDGE, AND CHIPPED PORTIONS OF THE WEARING SURFACE. REPAIRS NEEDED DUE TO DAMAGE WHICH OCCURS AT EXPANSION JOINTS DURING FREEZE/THAW, CONTINUOUS USE, NORMAL WEAR AND TEAR, AND TO ELIMINATE POTENTIAL SAFETY HAZARDS.			
VA	MCCDC QUANTICO VA	REPAIR GAS DISTRIBUTION SYSTEM	\$735.
JUSTIFICATION: PROJECT REPAIRS 15,250 LF OF 2" AND 3" MAIN LINES IN THE GAS DISTRIBUTION SYSTEM. PROJECT REQUIRED TO STOP LEAKING LINES, RETARD ATMOSPHERIC CORROSION, PROVIDE FOR CATHODIC PROTECTION, AND MINIMIZE THE POTENTIAL FOR EXPLOSIONS. REPAIRS NEEDED DUE TO BADLY CORRODED LINES/FITTINGS, LACK OF CATHODIC PROTECTION, AND AGE OF THE LINES. (46 YEARS OLD)			

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DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY92 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: 0 & MMC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
CA	MCAGCC 29 PALMS CA	REPAIR ELECTRICAL DIST SYSTEM	\$927.
<p>JUSTIFICATION: REPAIR 18,000 LINEAR FEET OF FUNCTIONALLY OBSOLETE AND DETERIORATED ELECTRICAL SYSTEM BY REPLACING IT WITH A 12,470 VOLT SYSTEM. THE OLD TRANSFORMERS WILL BE REPLACED WITH MODERN ONES OF THE SAME CAPACITY. EXISTING OVERHEAD CIRCUITS WILL BE REMOVED AND REPLACED. THE REPAIRED SYSTEM WILL BE SIZED TO HANDLE CURRENT LOAD REQUIREMENTS.</p>			
CA	MCAS EL TORO CA	REPAIR POWER DISTRIBUTION SYSTEM	\$2,136.
<p>JUSTIFICATION: PROJECT REPAIRS APPROXIMATELY 12,000 LINEAR FEET OF AN OVERLOADED 4,160 VOLT SYSTEM BY REPLACING IT WITH A 12KV UNDERGROUND ELECTRICAL DISTRIBUTION SYSTEM. AGE AND GROWTH IN THE STATION'S FACILITIES AND IN ENERGY INTENSIVENESS OF OPERATIONAL PROCEDURES HAVE CAUSED OVERLOADING AND FAILURE OF CIRCUITS.</p>			
CA	MCAS EL TORO CA	REPAIR POWER DISTR CIRCUIT 104	\$875.
<p>JUSTIFICATION: THE PROJECT REPAIRS APPROXIMATELY 5,000 LINEAR FEET OF AN OVERLOADED 4,160 VOLT SYSTEM BY REPLACING IT WITH A 12KV UNDERGROUND ELECTRICAL DISTRIBUTION SYSTEM. AGE AND GROWTH IN THE STATION'S FACILITIES AND IN ENERGY INTENSIVENESS OF OPERATIONAL PROCEDURES HAVE CAUSED OVERLOADING AND FAILURE OF THE CIRCUITS.</p>			
CA	MCAS TUSTIN CA	REPAIR POWER DIST CIRCUIT 102	\$816.
<p>JUSTIFICATION: THE PROJECT REPAIRS APPROXIMATELY 5,000 LINEAR FEET OF AN OVERLOADED 4,160 VOLT SYSTEM BY REPLACING IT WITH A 12KV UNDERGROUND ELECTRICAL DISTRIBUTION SYSTEM. AGE AND GROWTH IN THE STATION'S FACILITIES AND IN ENERGY INTENSIVENESS OF OPERATIONAL PROCEDURES HAVE CAUSED OVERLOADING AND FAILURE OF THE CIRCUITS. HAS OVERLOADED THE EXISTING SYSTEM.</p>			

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DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY92 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: 0 & MMC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
CA	NCLB BARSTOW CA	REPAIR BLDG 15	\$1,515.
JUSTIFICATION: REPAIR REQUIRED FOR AN ADMINISTRATIVE BUILDING CONSTRUCTED IN 1942 WHICH HAS DETERIORATED THROUGH NORMAL USE. THE INTERIOR UTILITY SYSTEMS, TO INCLUDE WIRING, PLUMBING AND WALLS, HAVE DETERIORATED BEYOND ECONOMICAL MAINTENANCE. PROJECT WILL RESTORE OVER 24,000 SQ.FT. OF HEADQUARTERS BUILDING TO MAKE IT A SAFE WORKING ENVIRONMENT. PREVIOUSLY, ONLY MINOR MAINTENANCE WAS PERFORMED ON THIS 48 YEAR OLD BUILDING.			
CA	NCLB BARSTOW CA	MAINTAIN RAILROAD TRACKAGE, NEBO	\$792.
JUSTIFICATION: PRESENT RAIL TRACKAGE WAS INSTALLED IN THE 1940'S WITH USED MATERIALS. TRACKAGE, ROAD BED AND SUPPORTING EQUIPMENT HAVE DEGENERATED SO THAT TRAIN DERAILMENTS ARE BEING CAUSED. THIS PROJECT WILL: TURN RAIL GAUGE SIDE OUT; REALIGN TRACKAGE; REPLACE TIMBERS, TIES AND BALLAST; REBUILD SWITCHES, TURNOUTS AND FROGS; CORRECT DRAINAGE PROBLEMS; AND REBUILD DRAINAGE STRUCTURES.			
CA	MCRD SAN DIEGO CA	REPLACE STEAM TUNNEL	\$2,088.
JUSTIFICATION: THE PROJECT WILL REPLACE 4,630 FEET OF THE STEAM TUNNEL, REMOVE 3,415 FEET OF THE TUNNEL NO LONGER NEEDED, REPLACE 6,380 FEET OF PIPE AND REMOVE ASBESTOS INSULATION. A STUDY FOUND THE TUNNEL AND PIPING SYSTEM IN A DETERIORATED CONDITION. THE TUNNEL WALLS WERE COLLAPSING AT SOME POINTS, AND THE PIPING WAS LEAKING IN MANY LOCATIONS.			
HI	MCAS KAPOHE BAY HI	REPAIR SHOWER WALLS, BEQS	\$722.
JUSTIFICATION: SIX 49 YEAR OLD BACHELOR ENLISTED QUARTERS REQUIRE REPAIRS TO THE SHOWER FACILITIES. WATER LEAKING INTO THE WALLS HAS CAUSED THE METAL STUDS TO RUST WHICH ALLOWS MOVEMENT IN THE SHOWER WALLS. THIS CAUSES THE CERAMIC TILE TO CRACK AND FALL. THIS PROJECT WILL IMPROVE THE WATERPROOF INTEGRITY OF THE SHOWERS. IT REMOVES THE DETERIORATED METAL STUDS, CERAMIC TILES, AND GYPSUM BOARD AND PROVIDES WOODEN STUDS, WATER RESISTANT GYPSUM BOARD AND NEW TILES.			

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DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY92 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: 0 & MNC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
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HI	MCAS KANOEHE BAY HI	ROOF REPLACEMENT BLDG 1090	\$760.
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JUSTIFICATION: THE ROOF SYSTEM HAS DETEIORATED TO THE POINT THAT MAINTENANCE EFFORTS NO LONGER ELIMINATE OR REDUCE RAIN WATER FILTRATION INTO THE BUILDING. THE ENTIRE FLOOR AREA OF THE BUILDING IS AFFECTED. DAMAGE TO MERCHANDISE AND SUPPLIES STORED IN THE BUILDING IS EVIDENT. THIS PROJECT WILL REMOVE AND REPLACE THE 37 YEAR OLD GRAVEL ROOF AND PROVIDE RAIN GUTTERS AND DOWN SPOUTS FOR PROPER DRAINAGE. PROJECT REPAIRS 58,500 SF OF ROOFS.

JA	MCB CAMP BUTLER JA	REPLACE HVAC SYSTEM, BLDG 110	\$625.
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JUSTIFICATION: EXISTING HVAC SYSTEM WAS INSTALLED IN 1966. THE PIPES ARE RUSTED AND DETERIORATING, AND THE BOILER IS INEFFICIENT AND MAINTENANCE INTENSIVE. THIS PROJECT WILL REPLACE THE BOILER, PUMPS, PIPING, AIR HANDLING UNITS, AIR COOLED CHILLER UNITS, AND THE CONTROL SYSTEMS. THE ASBESTOS INSULATION AROUND THE PIPING WILL ALSO BE REPLACED.

NC	MCAS CHERRY PT NC	UNDERGRD STORAGE TANK REMEDIATION	\$2,188.
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JUSTIFICATION: THE TANKS IN FUEL FARMS A AND D ARE FROM 20 TO 40 YEARS OLD. THE TANKS ARE STEEL AND UNDERGROUND. MANY OF THESE TANKS ARE SUSPECTED OF LEAKING. REPAIR PROJECT WILL IDENTIFY WHICH TANKS PIPING AND FUEL HANDLING EQUIPMENT NEEDS TO BE REPAIRED OR REPLACED AND WILL ACCOMPLISH THOSE REPAIRS. PROJECT INVOLVES OVER 100 TANKS.

NC	MCAS CHERRY PT NC	REPAIR AIRFIELD RUNWAYS	\$11,688.
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JUSTIFICATION: RUNWAYS CURRENTLY EXPERIENCING DISTRESSES ASSOCIATED WITH JOINT SPALLING, WEATHERING, SEAL DAMAGE, AND VARIOUS CRACKING THROUGHOUT THE PAVEMENT. EVALUATION BY INDEPENDENT FIRM RECOMMENDS AN ASPHALT CONCRETE OVERLAY OF VARYING DEPTHS ON EACH RUNWAY DEPEND-ING UPON ITS USE TO ENSURE CONTINUED OPERATION. THE PROJECT WILL PROVIDE APPROXIMATELY 1.5 MILLION SQUARE YARDS OF OVERLAYS AND A SLURRY SEAL ON THE RUNWAY SHOULDERS.

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DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY92 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: 0 & MMC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
NC	MCB CAMP LEJEUNE NC	REPLACE PCB TRANSFORMERS	\$900.
JUSTIFICATION: THIS PROJECT REPLACES 500 PCB TRANSFORMERS HAVING AN AVERAGE AGE OF 48 YEARS OLD. THE PROJECT IS NECESSARY TO REMOVE HAZARDS WHICH POTENTIALLY ARE VERY DANGEROUS TO THE ENVIRONMENT ESPECIALLY IF A FIRE IN THE TRANSFORMERS SPREADS THE PCB'S OVER A WIDE AREA. COST OF THE CLEAN-UP IF ONLY ONE TRANSFORMER "COOKED-OFF" COULD EASILY EXCEED THE COST OF REMOVAL OF ALL THE PCB CONTAMINATED TRANSFORMERS.			
NC	MCB CAMP LEJEUNE NC	RPL BOILERS AS4151	\$1,277.
JUSTIFICATION: PROVIDES FOR THE REPLACEMENT OF THREE BOILERS WITH RELATED CONTROLS, PIPING AND RELATED EQUIPMENT. AN ANNUAL CERTIFICATION INSPECTION INDICATED CASINGS HAD DETERIORATED. SOME TUBES HAD BEEN PLUGGED AND CANNOT BE USED. THE BOILERS ARE 10 YEARS OLD AND THIS TYPE HAVE A LIFE EXPECTANCY OF 10 YEARS. MAINTENANCE COSTS WILL RISE CONSIDERABLY AND INEFFICIENCIES WILL PREVAIL IF THESE BOILERS ARE NOT REPLACED.			
SC	MCAS BEAUFORT SC	OVERLAY TAXIWAY	\$1,110.
JUSTIFICATION: TAXIWAY IS DETERIORATING AND CRACKING. POTENTIAL FOR FOREIGN OBJECT DAMAGE IS PREVALENT AND AT LEAST ONE AIRCRAFT HAS ALREADY BEEN DAMAGED. MAINTENANCE COSTS WILL ESCALATE AND REPAIR WILL NO LONGER BE EFFECTIVE UNTIL THE TAXIWAYS BECOME USELESS. THE PROJECT WILL OVERLAY THE CURRENT TAXIWAYS WITH 1 1/2" OF ASPHALTIC CONCRETE DECREASING THE HAZARDOUS CONDITIONS FOR THE AIRCRAFT. PROJECT REPAIRS 177,000 SY OF TAXIWAY.			
SC	MCAS BEAUFORT SC	REPLACE UNDERGROUND STORAGE TANKS	\$649.
JUSTIFICATION: 35 UNDERGROUND FUEL STORAGE TANKS BETWEEN 20 AND 30 YEARS OLD DO NOT COMPLY WITH CURRENT FEDERAL AND STATE REGULATIONS. DETERIORATION IS OCCURRING AND REPAIR IS DIFFICULT AND EXPENSIVE. THIS PROJECT WILL REMOVE AND DISPOSE OF THESE TANKS AND REPLACE THEM WITH TANKS WHICH MEET THE CURRENT FEDERAL AND STATE ENVIRONMENTAL STANDARDS AND CODES.			

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DEPARTMENT OF THE NAVY
REAL PROPERTY MAINTENANCE ACTIVITIES
OPERATION & MAINTENANCE COSTS
FY92 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
(COSTING MORE THAN \$500,000)

APPROPRIATION: 0 & MMC

STATE	LOCATION/INSTALLATION	PROJECT TITLE	COST(\$000)
VA	NCCDC QUANTICO VA	REPAIR SEWAGE PLANT	\$2,303.

JUSTIFICATION: REPAIRS VARIOUS EQUIPMENT AT PUMPING STATIONS AND MENDS CRACKS IN CONCRETE WALLS AND AREAS OVER SEDIMENTATION TANKS. NORMAL DEMAND USAGE AND AGE HAVE CAUSED DETERIORATION OF COMPONENTS AND REPAIR PARTS ARE DIFFICULT TO OBTAIN. THE BASE HAS BEEN CITED BY THE STATE WATER CONTROL BOARD REGARDING DETERIORATION OF THE PLANT. REPAIRS NEEDED DUE TO THE AGE OF THE FACILITIES, NORMAL WEAR, AND HEALTH VIOLATIONS.

VA	NCCDC QUANTICO VA	REPAIR TBS BOQ, BLDG 24165	\$2,993.
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JUSTIFICATION: PROJECT WILL REPLACE HEATING, VENTILATION, AIR-CONDITIONING, PLUMBING, ELECTRICAL SYSTEM, INTERIOR DOORS. INCLUDES HEAD RFRS, ROOF REPLACEMENT AND PAINTING OF THE INTERIOR AND EXTERIOR. CURRENTLY THIS BOQ CANNOT PASS THE NAVAL MEDICAL CLINIC MINIMUM SANITARY STANDARDS BECAUSE OF DETERIORATED UTILITY SYSTEMS. THERE ARE CRACKS IN THE WALLS LARGE ENOUGH TO ALLOW LIGHT TO PASS. REPAIRS 191,124 SF OF ELEC/PLUMBING; 65,000 SF OF WALL/ROOF

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DEPARTMENT OF THE NAVY
 REAL PROPERTY MAINTENANCE ACTIVITIES
 OPERATION & MAINTENANCE COSTS
 REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION PROJECTS
 (COSTING MORE THAN \$500,000)

APPROPRIATION: O & MMC

	(IN THOUSANDS OF DOLLARS)	
	FY91	FY92
TOTAL MINOR CONSTRUCTION:	\$26,664	\$26,589
TOTAL REPAIR AND MAINTENANCE:	65,873	34,168
TOTAL ACTIVE INSTALLATIONS:	92,537	60,737
INACTIVE INSTALLATIONS:	0	0
GRAND TOTAL:	\$92,537	\$60,737

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**OPERATION AND MAINTENANCE, MARINE CORPS
MAINTENANCE OF REAL PROPERTY FACILITIES
FY 1992/19932 PRESIDENT'S BUDGET
(Dollars in Thousands)**

1. Funded Program	FY 1990 Actual	FY 1991 Estimate	FY 1992 Estimate	FY 1993 Estimate
a. Category of Maintenance				
Recurring Maintenance	182,640	163,309	170,709	124,919
Major Repair Projects	71,475	72,398	46,944	57,880 *
Minor Construction	<u>30,443</u>	<u>26,664</u>	<u>26,589</u>	<u>51,520 *</u>
Total Maintenance of Real Property Facilities	284,558	262,371	244,242	234,319 *
b. Budget Activity				
General Purpose Forces	222,648	207,053	189,648	179,918
Central Supply and Maintenance	17,586	15,791	12,874	12,504
Training, Medical & Other General				
Personnel Activities	41,904	38,222	40,659	40,577
Administration and Associated Activities	<u>2,420</u>	<u>1,305</u>	<u>1,061</u>	<u>1,320</u>
Total Maintenance of Real Property Facilities	284,558	262,371	244,242	234,319 *
c. Staffing				
Military Personnel	433	427	427	422
Civilian Personnel	2,818	2,632	2,612	2,599
2. Backlog of Maintenance and Repair	352,199	422,071	561,978	698,107

* FY 1993 estimate includes \$109,400 in Military Construction, Navy (MCON) funds (\$57,880 Major Repair Projects and \$51,520 Minor Construction) which was transferred from the Operation and Maintenance, Marine Corps Account.

**OPERATION AND MAINTENANCE, MARINE CORPS
MAINTENANCE OF REAL PROPERTY FACILITIES
FY 1992/19932 PRESIDENT'S BUDGET
(Dollars in Millions)**

3. Facility Category	FY 1990 Actual O&M, MC	FY 1991 Estimate O&M, MC	FY 1992 Estimate O&M, MC	FY 1993 Estimate O&M, MC	FY 1993 Estimate MCON	FY 1993 Estimate TOTAL
Operational	.4	.4	1.6	.0	.3	.3
Communications/Aviation	4.1	8.7	15.9	4.0	15.9	19.9
Waterfront and Harbor	1.1	.4	.2	.0	.0	.0
Training	4.3	1.1	2.5	.0	4.3	4.3
Aviation Maintenance	5.9	5.2	2.0	.0	2.2	2.2
Shipyard Maintenance	.0	.0	.0	.0	.1	.1
Other Maintenance/Production	1.8	1.4	.8	.5	.0	.5
POL Supply/Storage	.9	.8	.0	.0	.0	.0
Ammo Supply/Storage	.1	.1	.0	.0	.0	.0
Other Supply/Storage	5.0	4.4	3.7	.0	2.9	2.9
Hospital/Medical	.4	.4	.3	.0	2.8	2.8
Administrative	15.0	10.0	4.5	1.8	3.0	4.8
Troop Housing/Dining	28.8	11.5	18.8	4.9	6.6	11.5
Other Personnel Support						
Services	9.7	5.5	2.7	1.2	2.7	3.9
Utility Systems	26.9	37.1	19.3	4.1	13.6	17.7
Real Estate/Structures	8.9	4.3	4.7	.8	1.6	2.4
Land Improvements	.0	.0	.0	.0	.0	.0
Rail Trackage	3.3	2.9	.8	.8	3.9	4.7
TOTAL	116.6	94.2	77.8	18.1	59.9	78.0

* Projects over \$100,000